

# Arithmetic 1

Second Edition



● LAIDLAW BROTHERS

Name Linda R. Neha



# ARITHMETIC 1

## THE LAIDLAW MATHEMATICS SERIES

Arithmetic Primer

Arithmetic 1

Arithmetic 2

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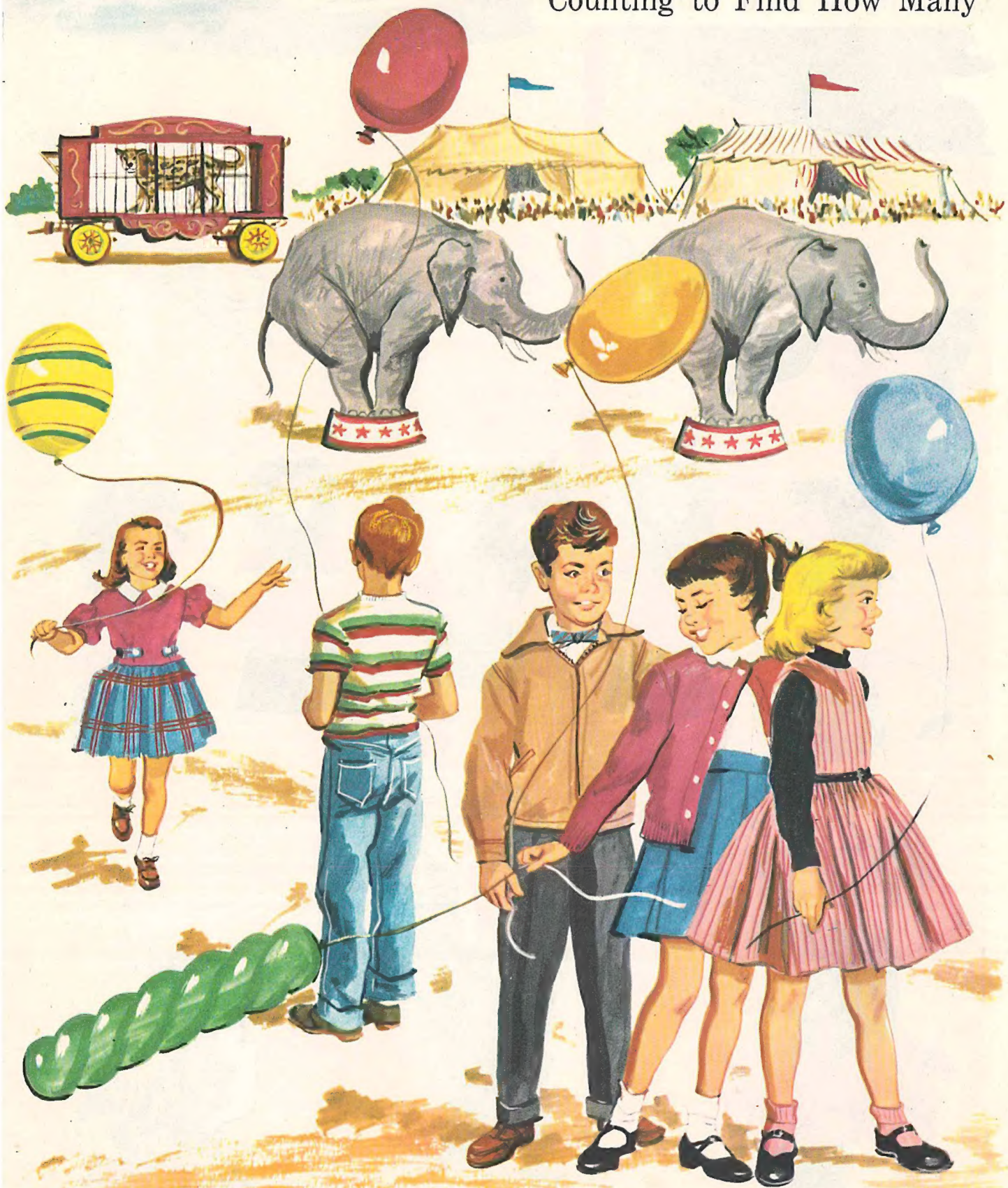
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# Counting to Find How Many





# Counting to Find How Many





Counting to Find How Many

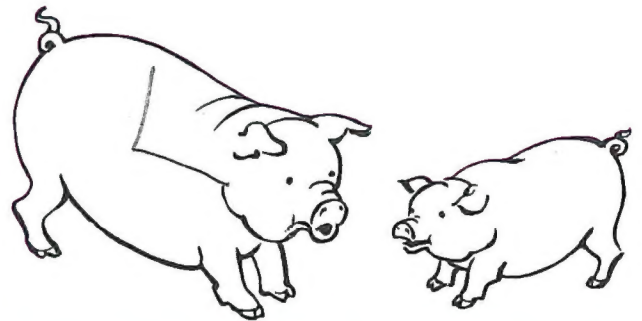
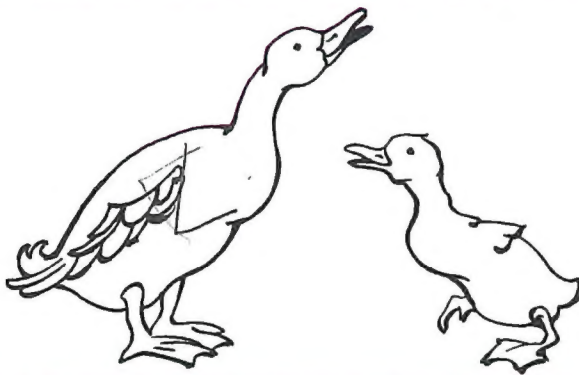
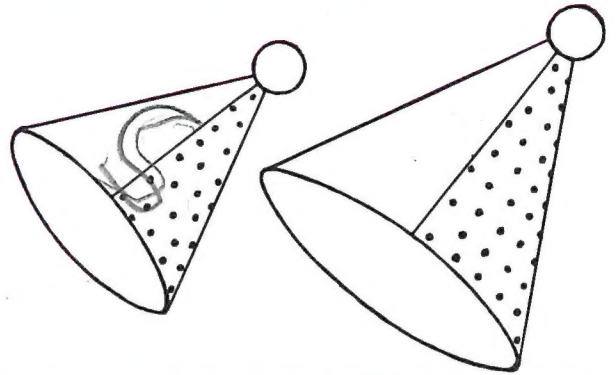
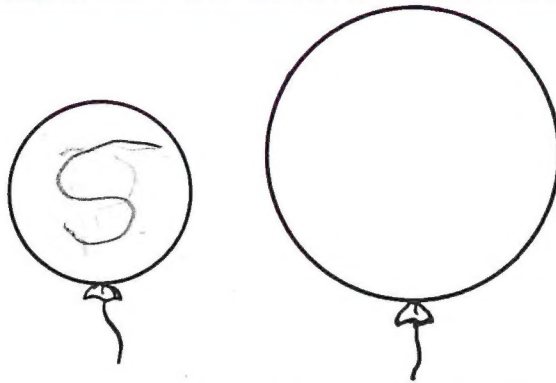




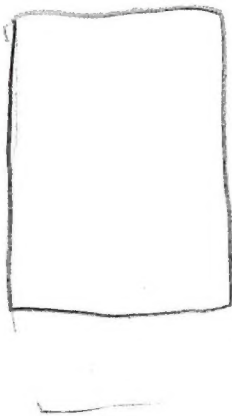
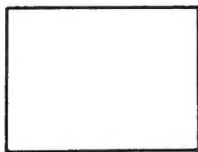
# Arithmetic Words — Larger, Smaller

Write S in the smaller balloon and in the smaller hat.

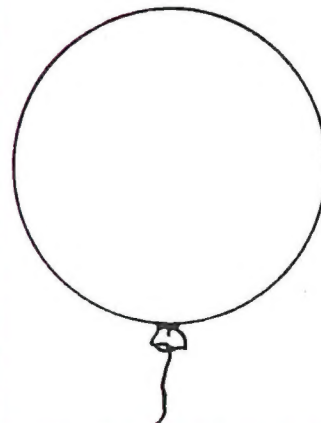
Write L in the larger duck and in the larger pig.



Draw a box larger than this box.



Draw a balloon smaller than this balloon.

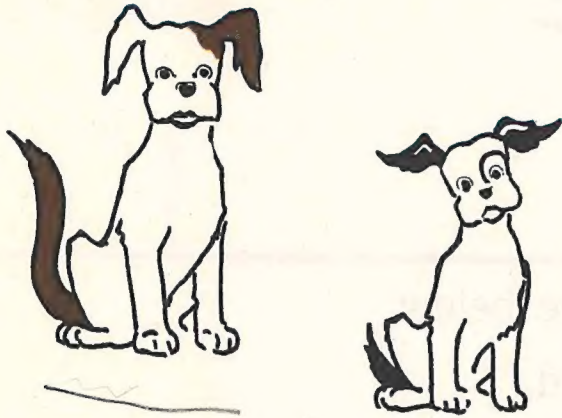




Arithmetic Words — Longer, Shorter

Draw a line under the dog with the longer tail.

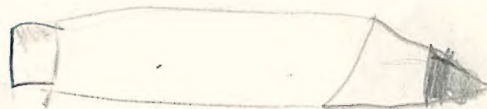
Draw a line under the rabbit with the shorter ears.



Draw a longer crayon.



Draw a shorter pencil.





# Meaning of 1

Tell the number story of each picture.

Trace each 1.

one



one

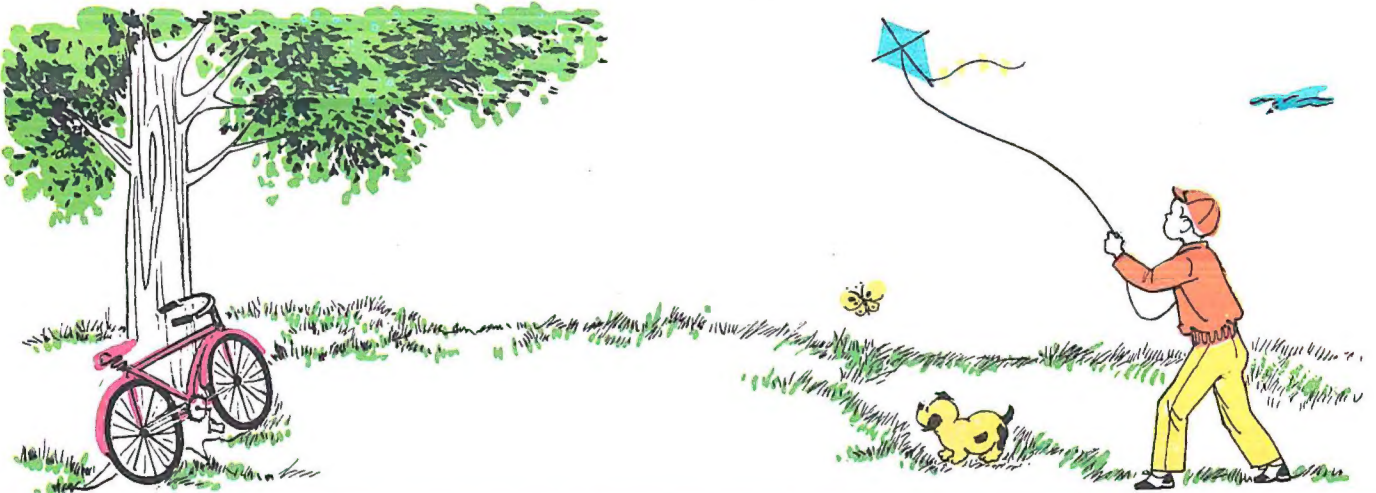


one

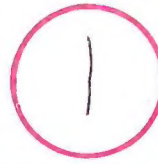


Find 1 of each thing in the picture below.

Tell the class what you have found.



Write the numeral 1 in each circle.





Use the pictures to tell a story about 2.

Trace the numerals. Tell the number story.

one



one



two



and

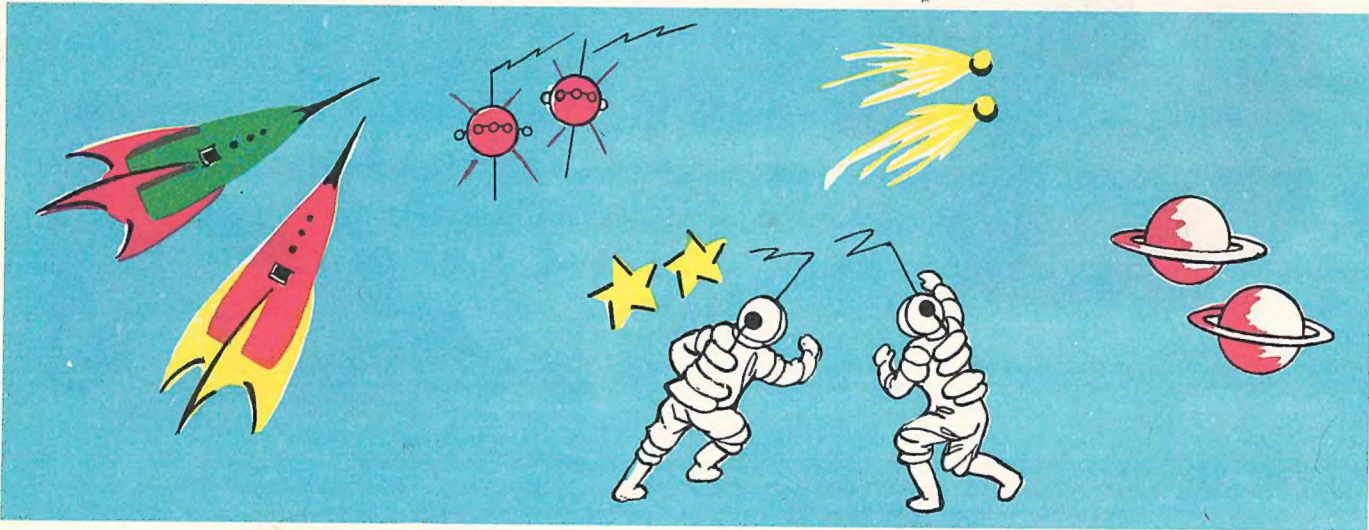


are

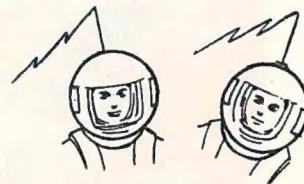


Find groups of 2 in the picture below.

Tell the class what you have found.



Write the numeral 2 in each circle.





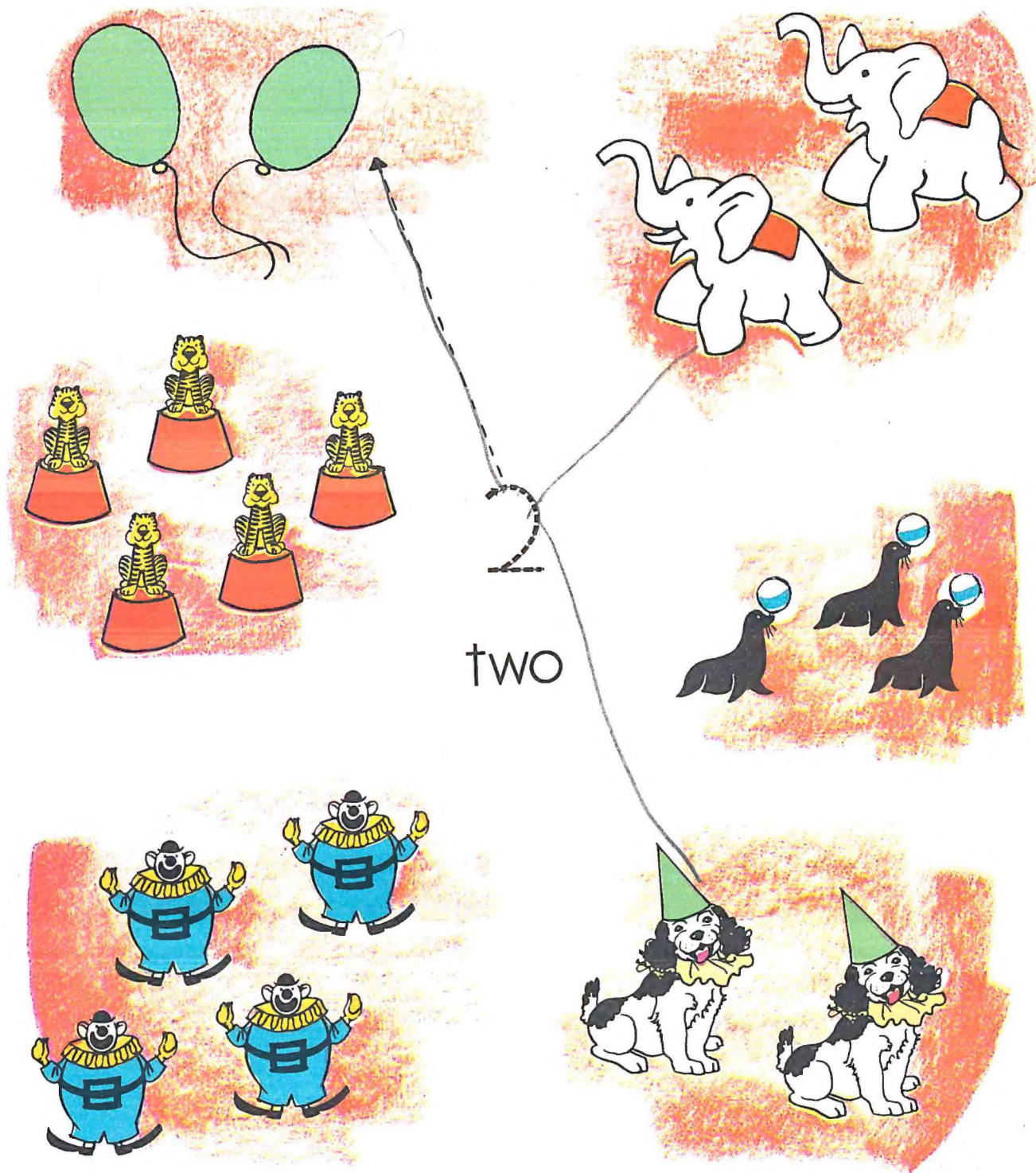
# Seeing Groups, or Sets

100

Trace the numeral 2. Read the number word.

Draw a line from the numeral 2 to each group of 2.

1 2



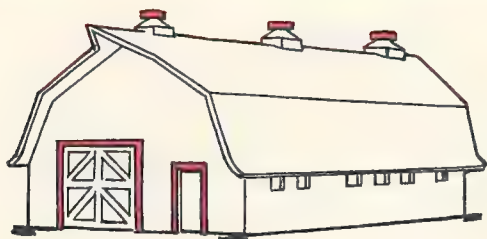


1 ag

<sup>100</sup>  
Counting — Writing Numerals

Count the things in each box.

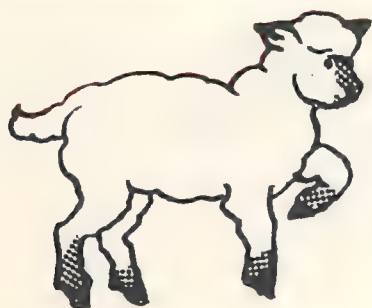
Write the numeral.



one



two



one



two



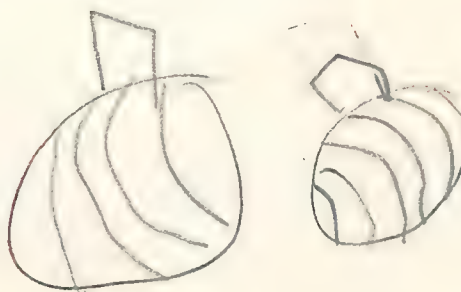
Draw 1 balloon.



one



two

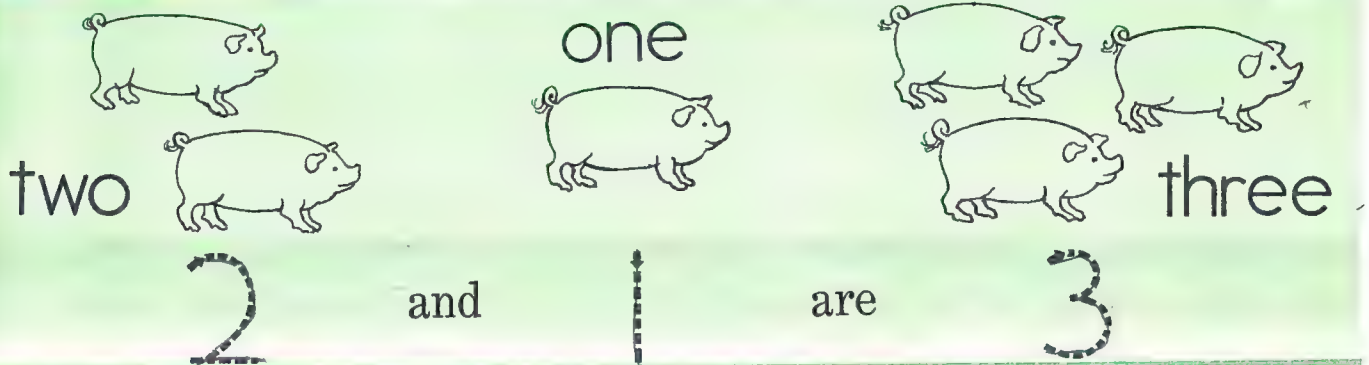




## Meaning of 3

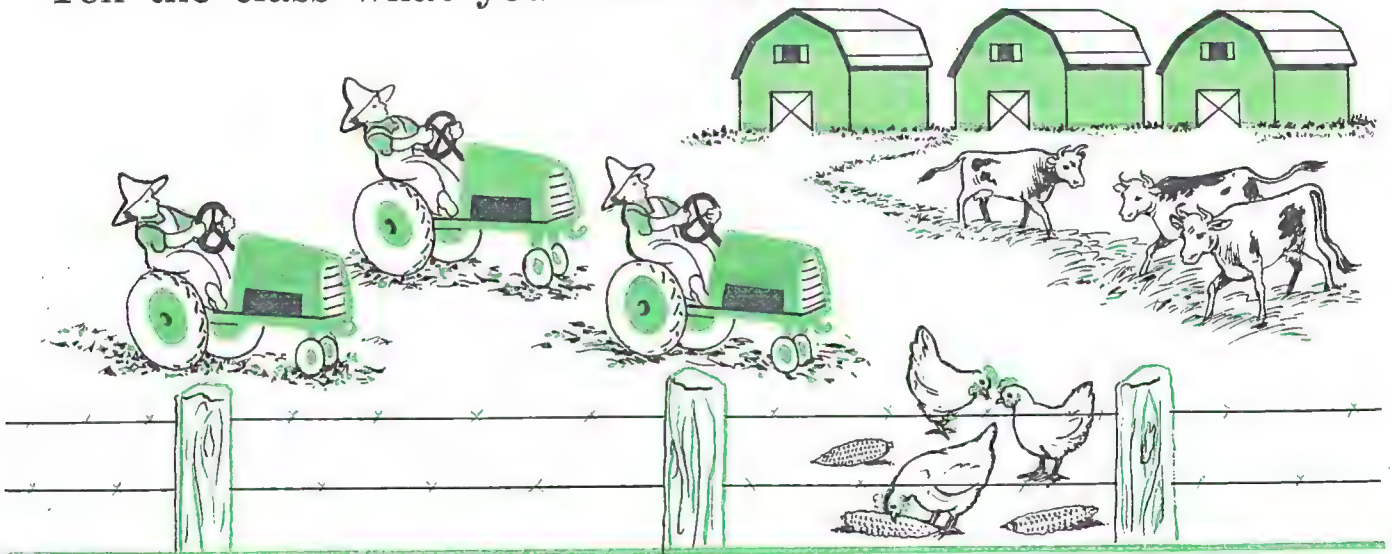
Use the pictures to tell a story about 3.

Trace the numerals. Tell the number story.

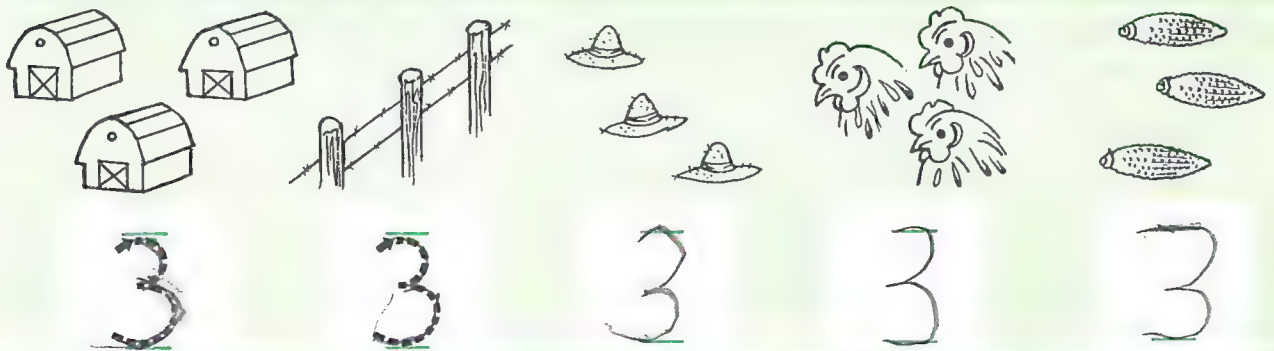


Find groups of 3 in the picture below.

Tell the class what you have found.



Write the numeral 3 in each box.

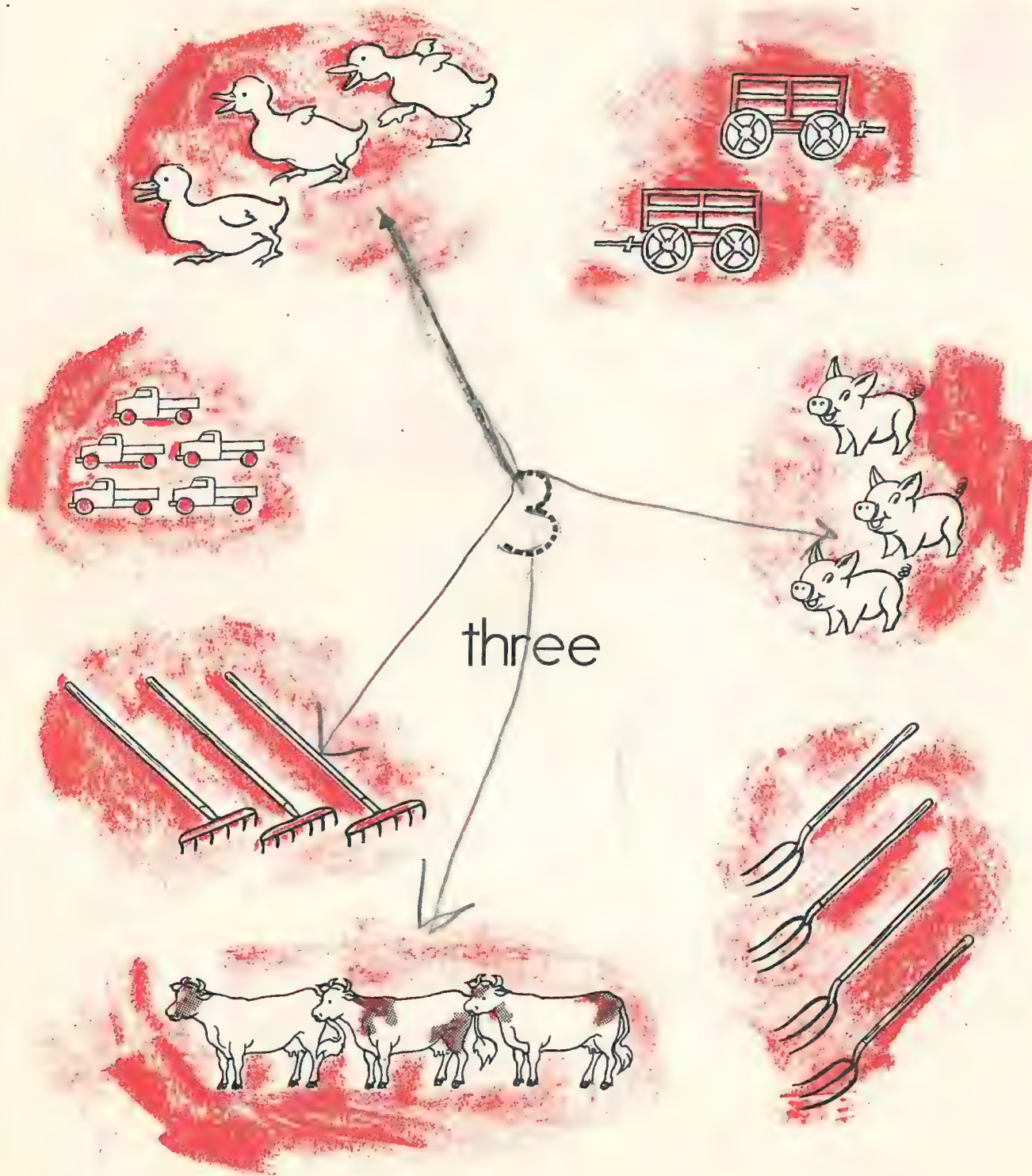




100 Seeing Groups, or Sets

Trace the numeral 3. Read the number word.

Draw a line from the numeral 3 to each group of 3.





# Counting — Writing Numerals

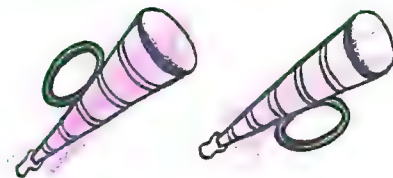
Count the things in each box.

Write the numeral.



three

3



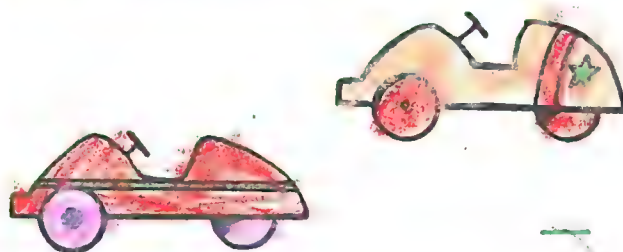
two

2



one

1



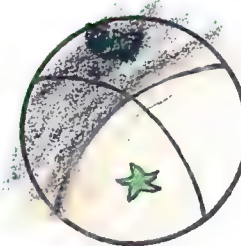
two

2



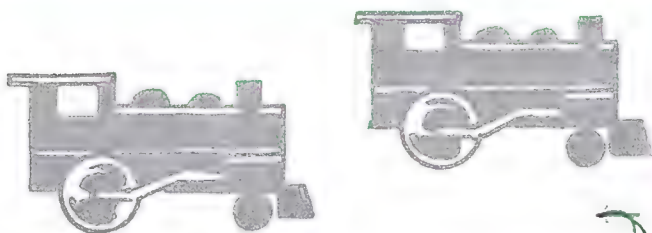
three

3



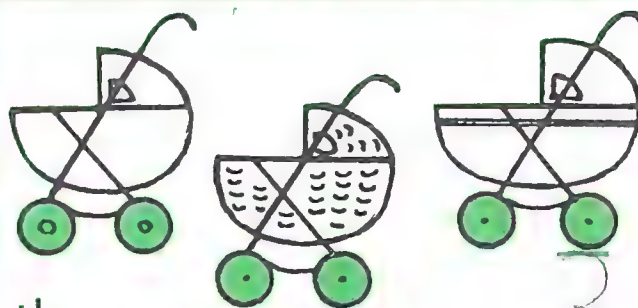
one

1



two

2



three

3



Use the pictures to tell a story about 4.

Trace the numerals. Tell the number story.



one



three

four



and



are

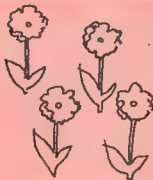
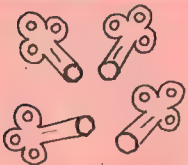


Find groups of 4 in the picture below.

Tell the class what you have found.



Write the numeral 4 in each box.

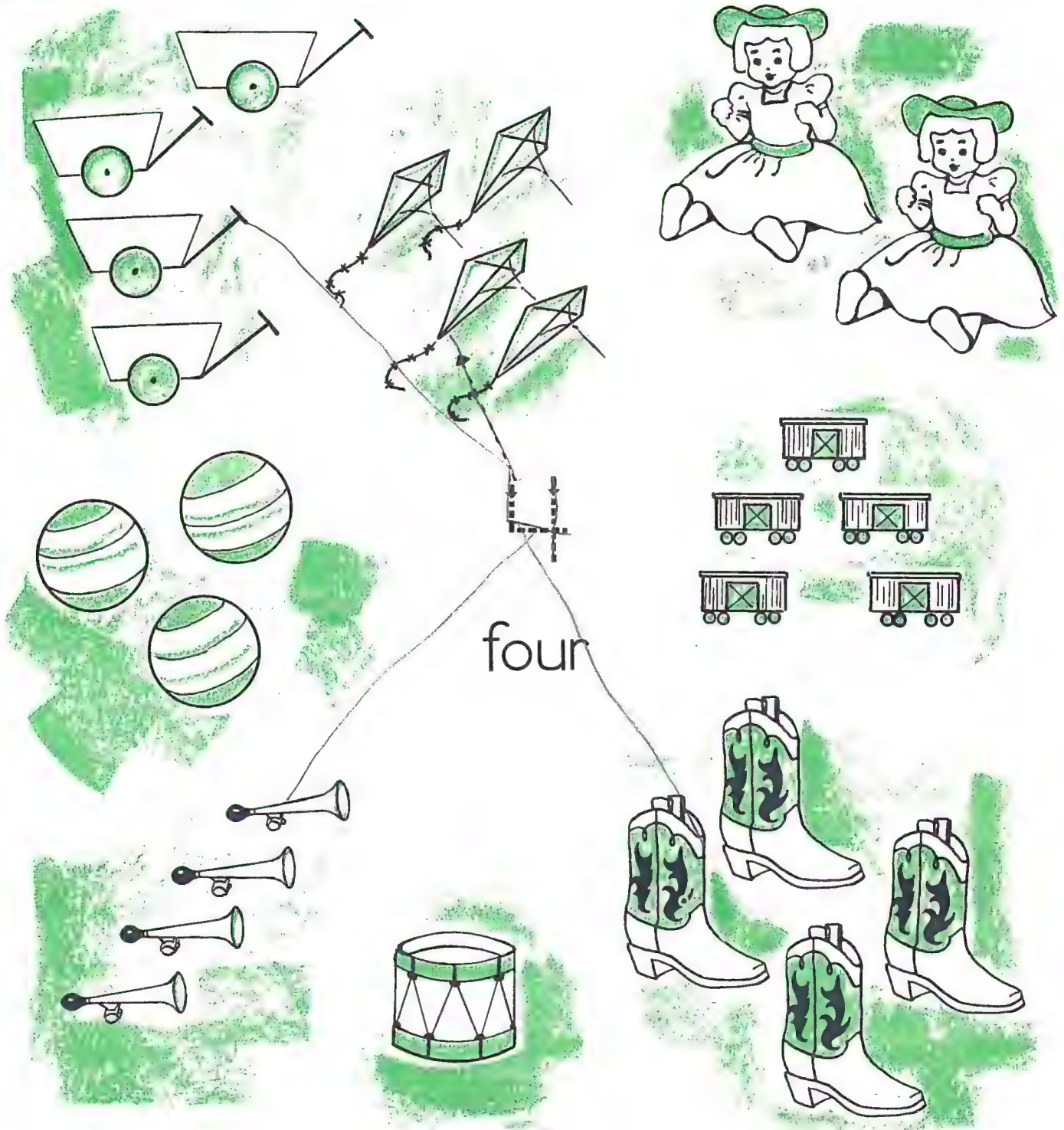




## Seeing Groups, or Sets

Trace the numeral 4. Read the number word.

Draw a line from the numeral 4 to each group of 4.





Count the things in each box.

Write the numeral.



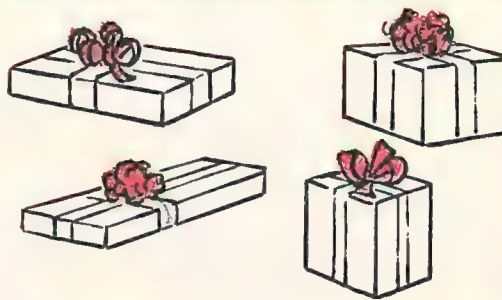
one



two



three

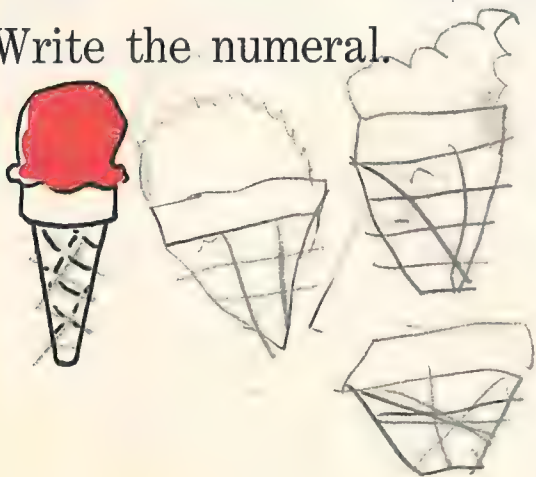


four



Draw 3 more ice cream cones.

Write the numeral.



four

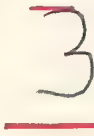


Draw 2 more balloons.

Write the numeral.



three





## Meaning of 5

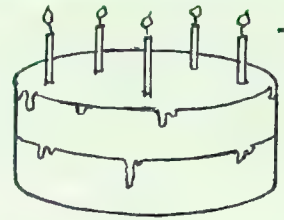
Use the pictures to tell a story about 5.

Trace the numerals. Tell the number story.



four

one



five



and



are



Find groups of 5 in the picture below.

Tell the class what you have found.



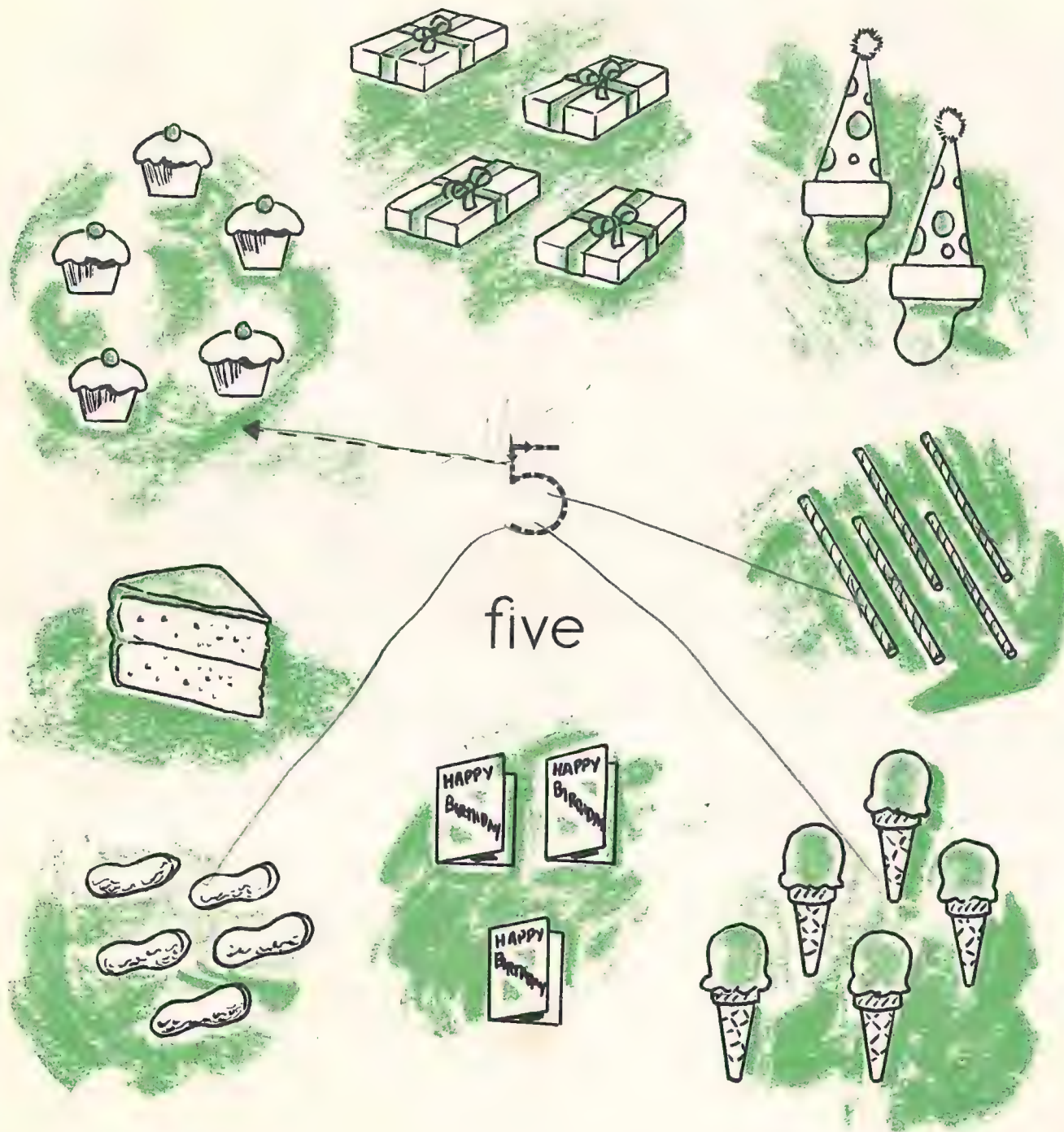
Write the numeral 5 in each box.





Trace the numeral 5. Read the number word.

Draw a line from the numeral 5 to each group of 5.

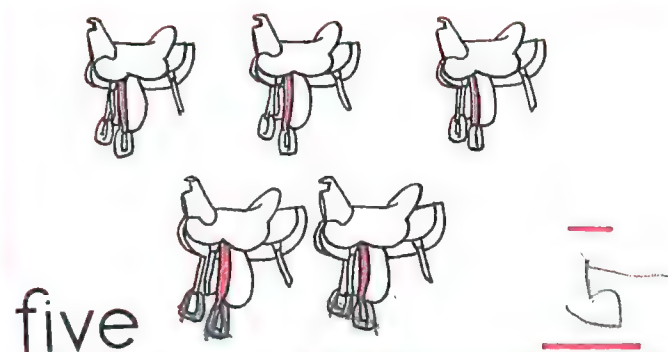
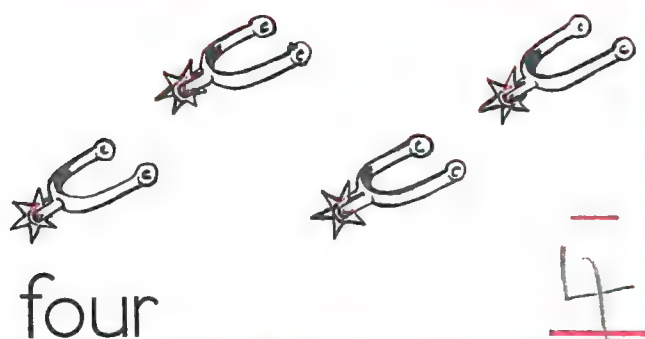
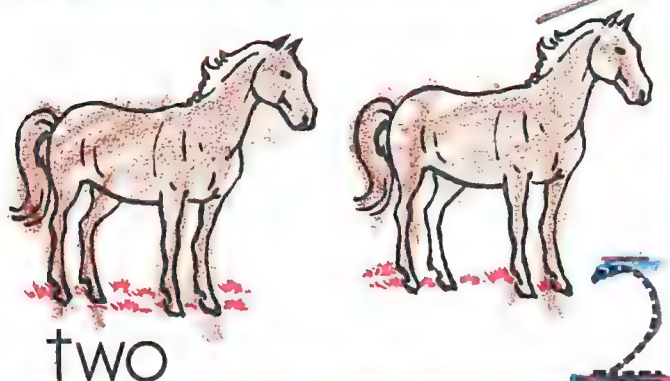




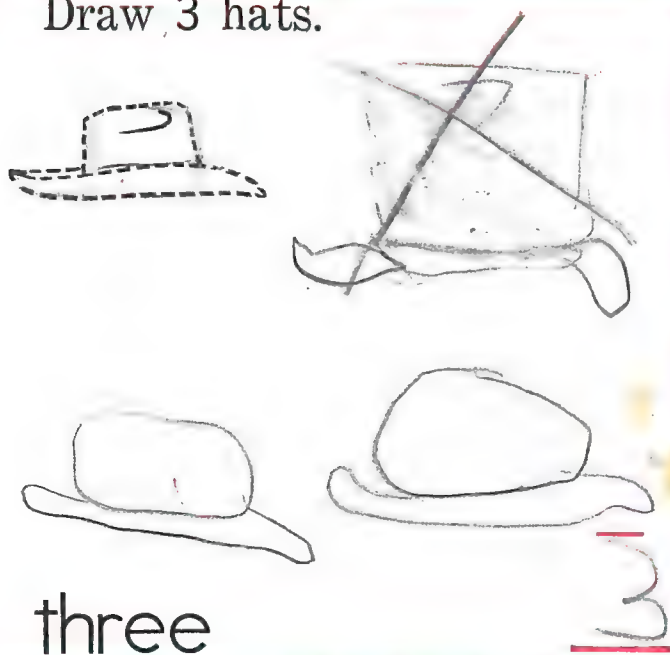
# Counting — Writing Numerals

Count the things in each box.

Write the numeral.



Draw 3 hats.



Draw 4 brands.







Write the numeral that comes before.

<u>2</u>	3	<u>1</u>	2
<u>3</u>	4	<u>2</u>	4
<u>4</u>	5	<u>3</u>	3
<u>1</u>	2	<u>4</u>	5

Write the numeral that comes after.

1	<u>2</u>	4	<u>5</u>
3	<u>3</u>	3	<u>4</u>
2	<u>3</u>	2	<u>3</u>
4	<u>5</u>	1	<u>2</u>

Write the missing numerals.

<u>1</u>	2	<u>3</u>	<u>2</u>	3	<u>4</u>
<u>2</u>	4	<u>5</u>	<u>3</u>	4	<u>5</u>



## Meaning of 6

Use the pictures to tell a story about 6.

Trace the numerals. Tell the number story.



5

one



are

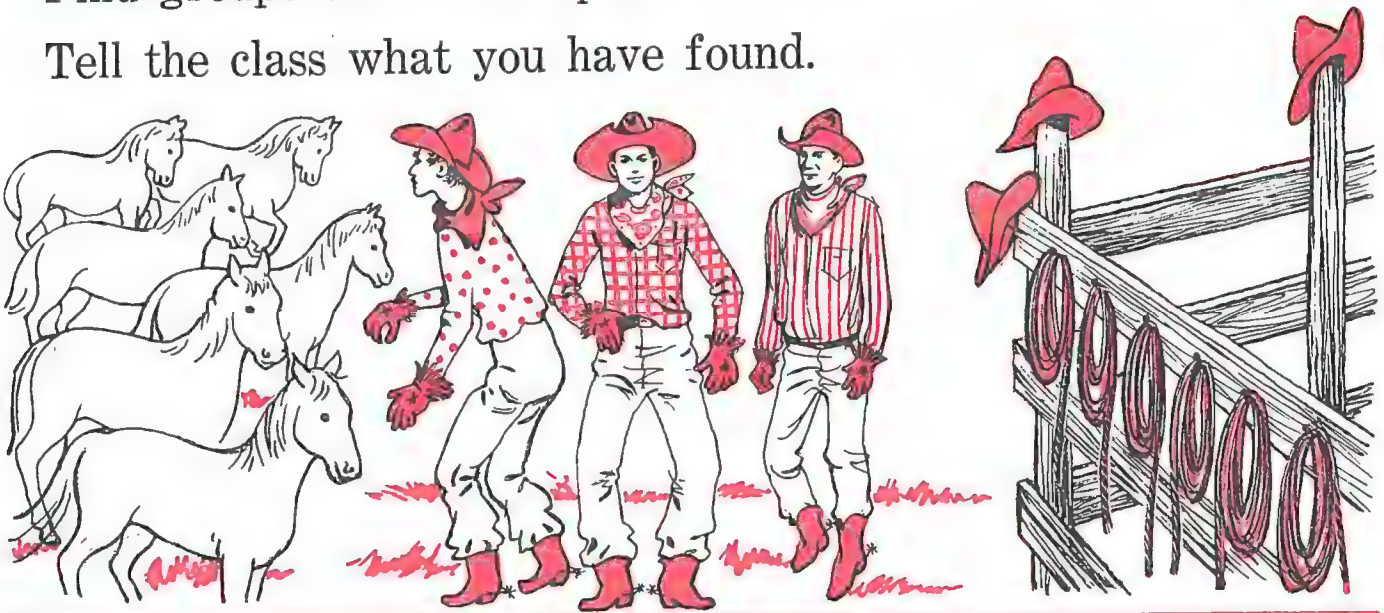
6

and

1

Find groups of 6 in the picture below.

Tell the class what you have found.



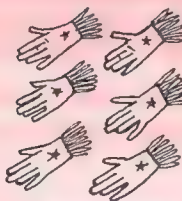
Write the numeral 6 in each box.



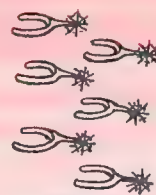
6



6



6



6

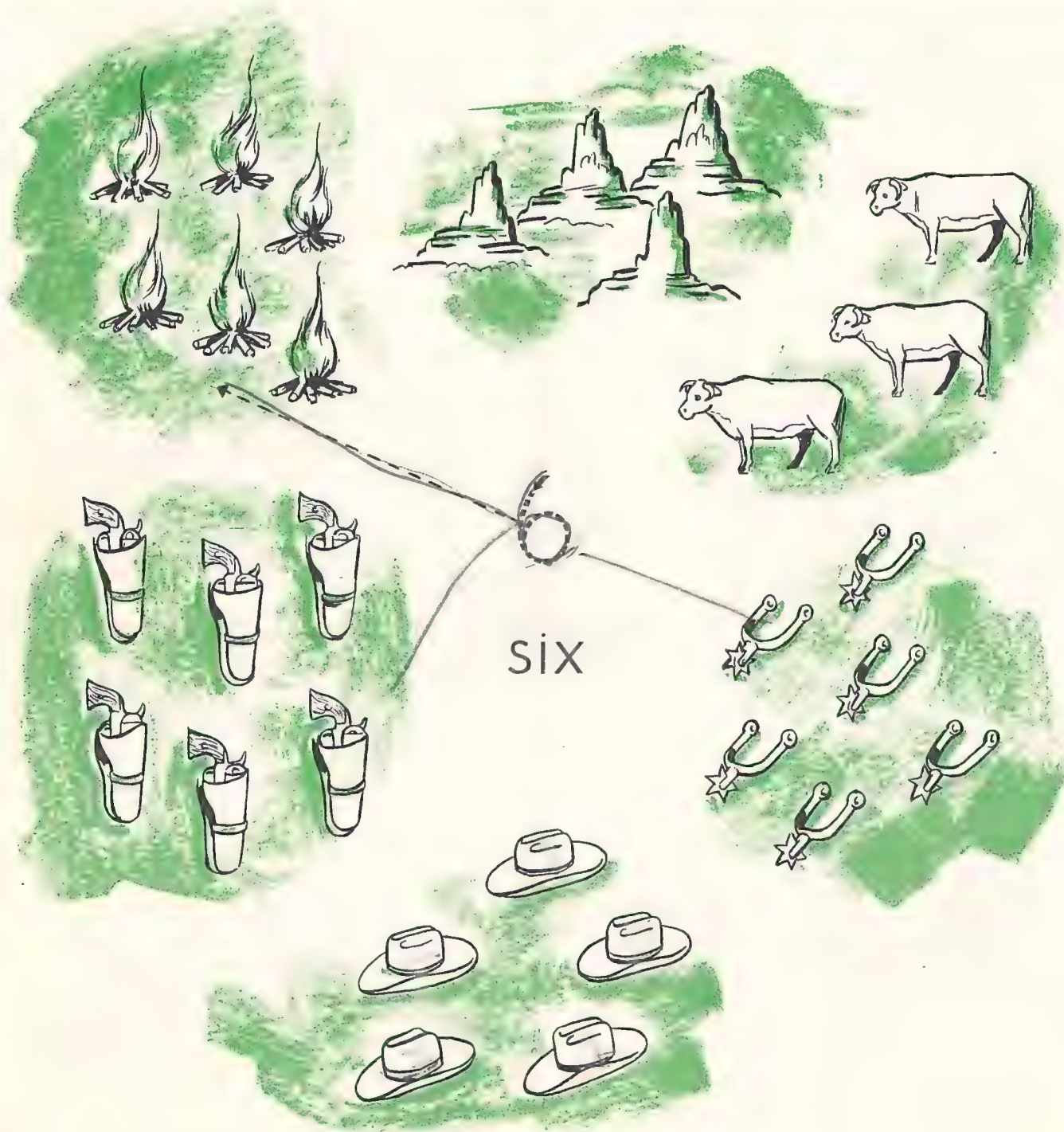


6



Trace the numeral 6. Read the number word.

Draw a line from the numeral 6 to each group of 6.

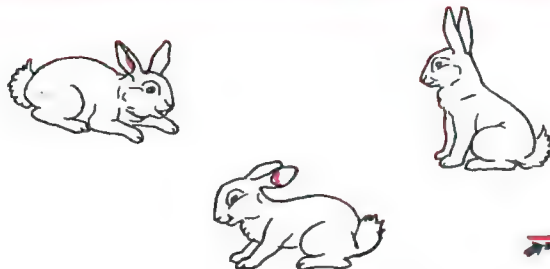




# Counting — Writing Numerals

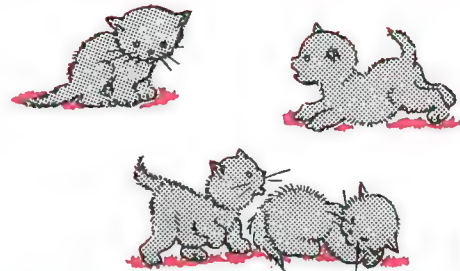
Count the things in each box.

Write the numeral.



three

3



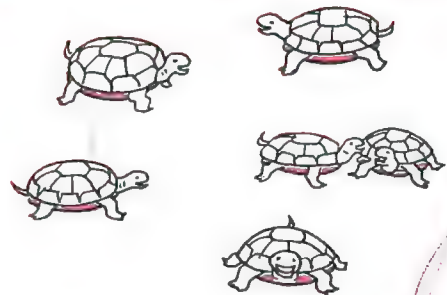
four

4



five

5



six

6

Draw 3 more owls.

Write the numeral.

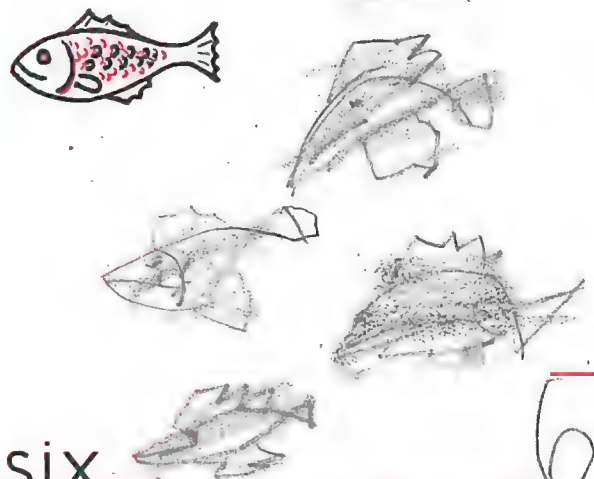


four

4

Draw 5 more fish.

Write the numeral.



six

6

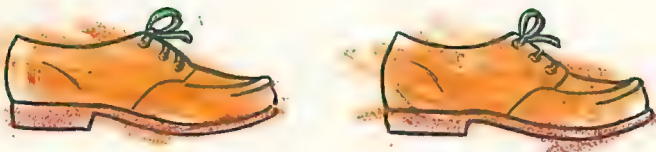
100  
109  
Review of Numerals and Number Words

Count the things in each row.

Circle the numeral that tells how many.

Circle the number word that tells how many.

1  
②




two  
one

③  
2



two  
③  
three

3  
④



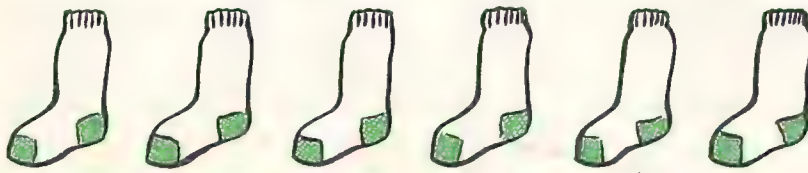
four  
three

6  
⑤



five  
six

⑥  
5



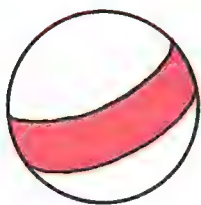
five  
six



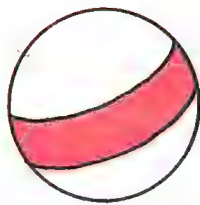
# Addition Fact 1 + 1

Talk about addition.

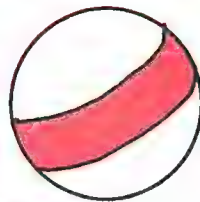
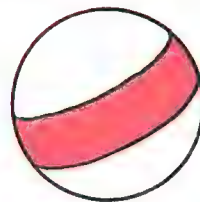
Trace the dotted lines. Write the answers.



and



are



1 ball and 1 ball are 2 balls

1 and 1 are 2

1 + 1 = 2



1 ball

+ 1 ball

2 balls

1 ball

+ 1 ball

2 balls

+ 1

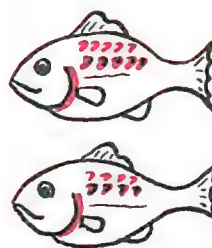
2



1 leaf      1

+ 1 leaf    + 1

2 leaves    2



1 fish      1

+ 1 fish    + 1

2 fish      2

100

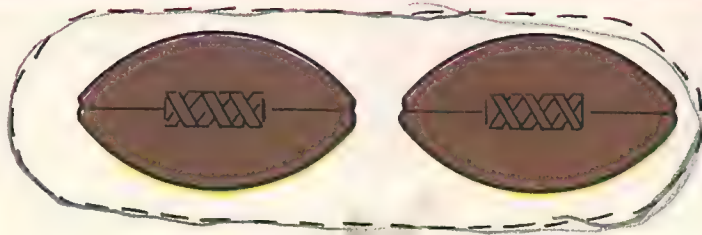
# Groups, or Sets, Which Equal 3

Trace the dotted lines.

Write the numeral that tells how many.

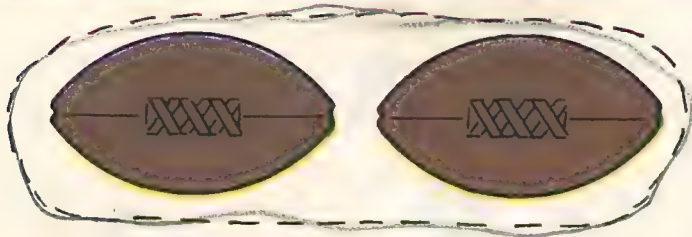


1

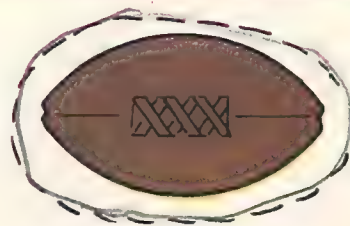


2

3

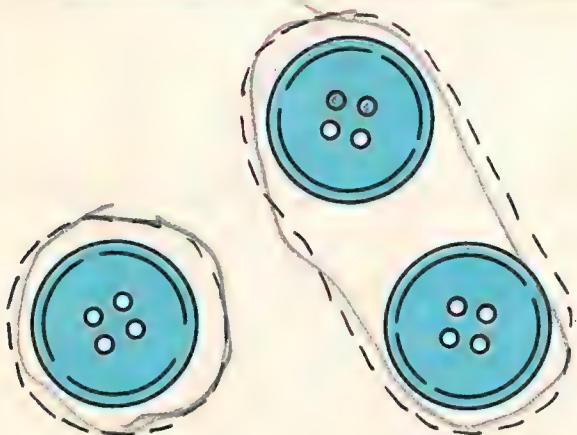


2



1

3



1

2



1



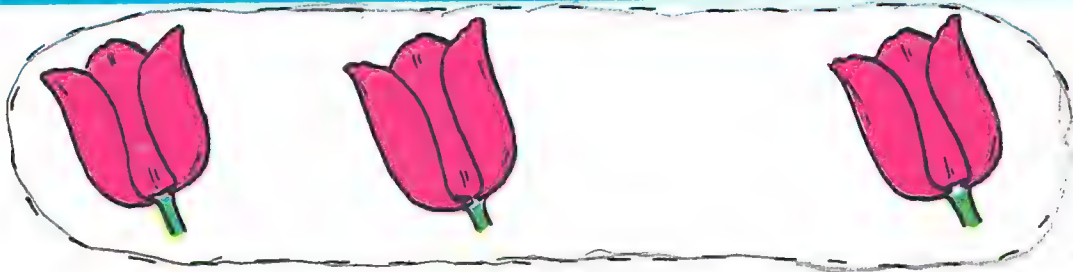
2



## Addition Fact 2 + 1

Talk about adding 2 + 1.

Trace the dotted lines. Write the answers.



3

2 flowers + 1 flower = 3 flowers

2 + 1 =

3



2 flowers  
+ 1 flower  
3 flowers



2  
+ 1  
3

Write the answers.

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$



Betty has 2 plants.

Mary has 1 plant.

The girls have 3 plants.

2  
+ 1  
3

# Addition Fact 1 + 2

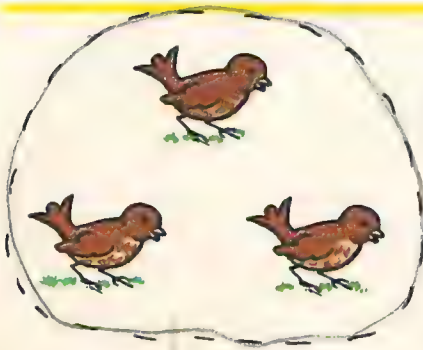
Talk about adding 1 + 2.

Trace the dotted lines. Write the answers.



$$1 \text{ bird} + 2 \text{ birds} = \underline{3} \text{ birds}$$

$$1 + 2 = \boxed{3}$$



$$\begin{array}{r} 1 \text{ bird} \\ + 2 \text{ birds} \\ \hline 3 \text{ birds} \end{array}$$



$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

Write the answers.

$$2 + 1 = \boxed{3}$$

$$2 + \boxed{1} = 3$$

$$\boxed{2} + 1 = 3$$

$$1 + 2 = \boxed{3}$$

$$1 + \boxed{2} = 3$$

$$\boxed{1} + 2 = 3$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$



# Review of Addition

You can do this page by yourself.

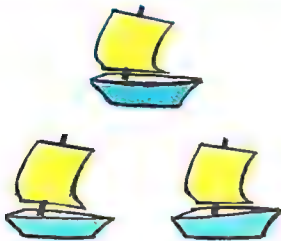
Read each number story. Then write the answer.



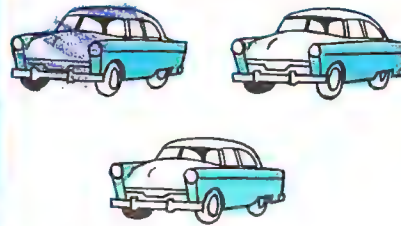
$$\begin{array}{r} 1 \text{ house} \\ + 1 \text{ house} \\ \hline 2 \text{ houses} \end{array}$$



$$\begin{array}{r} 2 \text{ cups} \\ + 1 \text{ cup} \\ \hline 3 \text{ cups} \end{array}$$



$$\begin{array}{r} 1 \text{ boat} \\ + 2 \text{ boats} \\ \hline 3 \text{ boats} \end{array}$$



$$\begin{array}{r} 2 \text{ cars} \\ + 1 \text{ car} \\ \hline 3 \text{ cars} \end{array}$$



$$\begin{array}{r} 1 \text{ clown} \\ + 1 \text{ clown} \\ \hline 2 \text{ clowns} \end{array}$$



$$\begin{array}{r} 1 \text{ tree} \\ + 2 \text{ trees} \\ \hline 3 \text{ trees} \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$2 + 1 = \boxed{3}$$

$$1 + \boxed{2} = 3$$

$$\boxed{2} + 1 = 3$$

$$1 + 2 = \boxed{3}$$

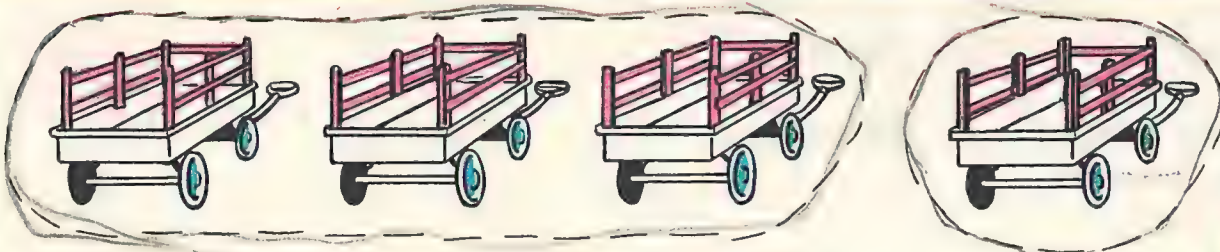
$$2 + \boxed{1} = 3$$

$$\boxed{1} + 2 = 3$$

Groups, or Sets, Which Equal 4

Trace the dotted lines.

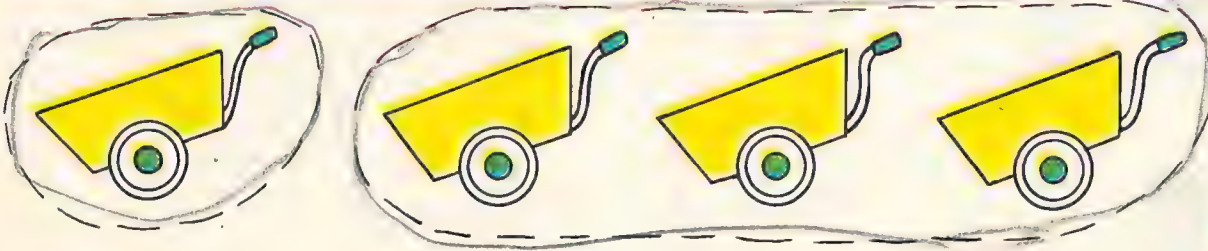
Write the numeral that tells how many.



3

1

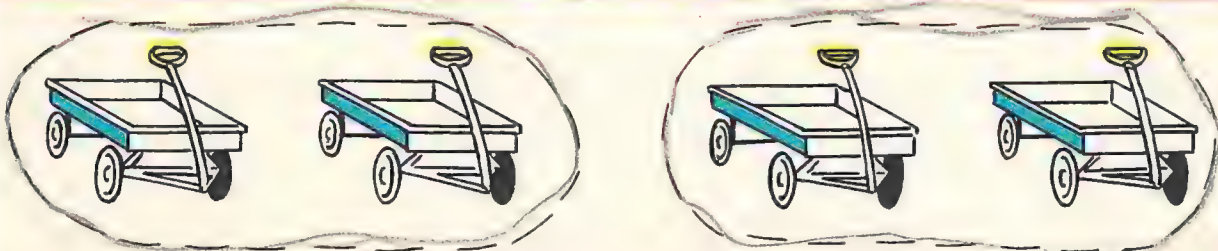
4



1

3

4



2

2

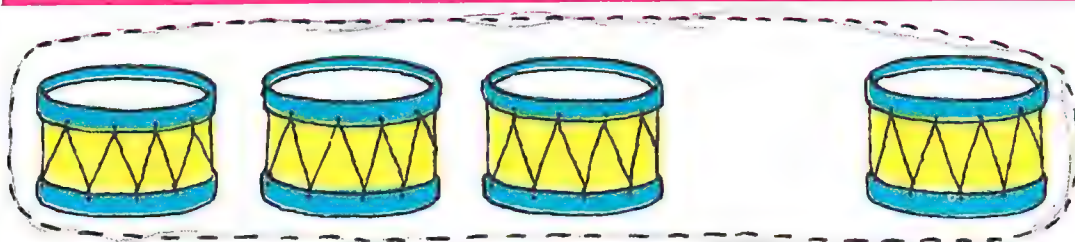
4



# Addition Fact 3 + 1

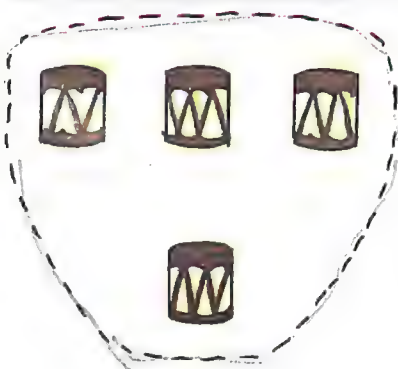
Talk about adding 3 + 1.

Trace the dotted lines. Write the answers.

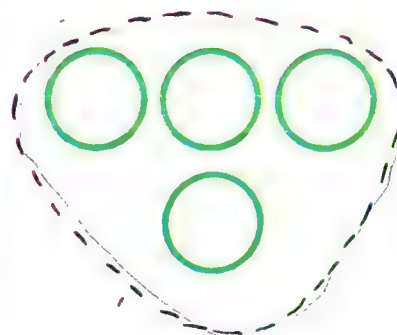


3 drums + 1 drum = 4 drums

3 + 1 =   



3 drums  
+ 1 drum  
-----  
drums



3  
+ 1  
-----  
4

Write the answers.

3  
+ 1  
-----

2  
+ 1  
-----

1  
+ 1  
-----

1  
+ 2  
-----

3  
+ 1  
-----

1  
+ 1  
-----

2  
+ 1  
-----



Tom has 3 toy horns.

Joe has 1 toy horn.

The boys have 4 toy horns.

3  
+ 1  
-----  
4

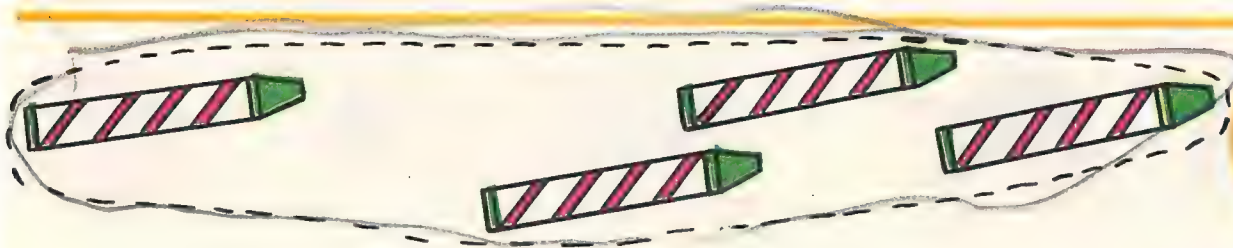
1 da

~~OK~~

# Addition Fact 1 + 3

Talk about adding 1 + 3.

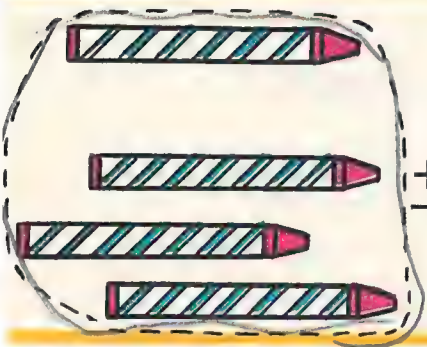
Trace the dotted lines. Write the answers.



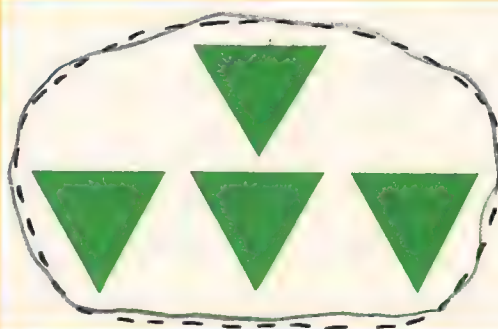
4

$$1 \text{ crayon} + 3 \text{ crayons} = \underline{4} \text{ crayons}$$

$$1 + 3 = \boxed{4}$$



$$\begin{array}{r} 1 \text{ crayon} \\ + 3 \text{ crayons} \\ \hline 4 \text{ crayons} \end{array}$$



$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

Write the answers.

$$1 + 3 = \boxed{4}$$

$$1 + \boxed{3} = 4$$

$$\boxed{1} + 3 = 4$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$



Anne has 1 spool of thread.

1

Nancy has 3 spools.

$$\begin{array}{r} + 3 \\ \hline 4 \end{array}$$



The girls have 4 spools.



# Addition Fact 2 + 2

Talk about adding 2 + 2.

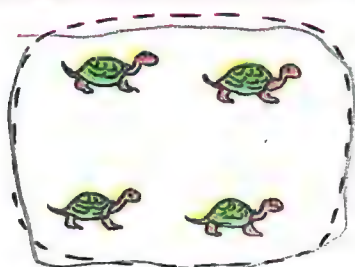
Trace the dotted lines. Write the numerals.



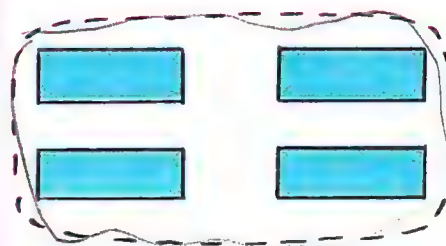
4

$$2 \text{ turtles} + 2 \text{ turtles} = \underline{4} \text{ turtles}$$

$$2 + 2 = \underline{4}$$



$$\begin{array}{r} 2 \text{ turtles} \\ + 2 \text{ turtles} \\ \hline 4 \text{ turtles} \end{array}$$



$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

Write the answers.

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

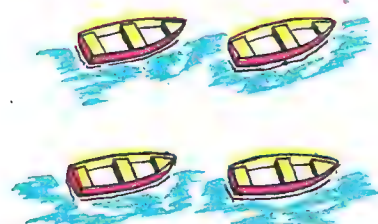
$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$



Jim has 2 boats.

Joe has 2 boats.

The boys have 4 boats.

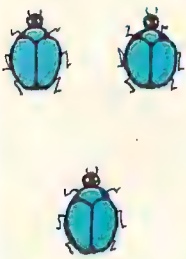
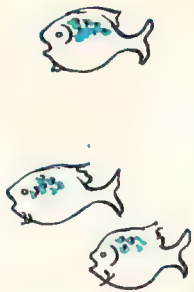




$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

100 100

# Review of Addition

You can do this page by yourself.

Read each number story. Then write the answer.

 $\begin{array}{r} 2 \text{ bugs} \\ + 1 \text{ bug} \\ \hline 3 \text{ bugs} \end{array}$	 $\begin{array}{r} 1 \text{ fish} \\ + 2 \text{ fish} \\ \hline 3 \text{ fish} \end{array}$	 $\begin{array}{r} 1 \text{ horse} \\ + 1 \text{ horse} \\ \hline 2 \text{ horses} \end{array}$
 $\begin{array}{r} 3 \text{ frogs} \\ + 1 \text{ frog} \\ \hline 4 \text{ frogs} \end{array}$	 $\begin{array}{r} 1 \text{ bee} \\ + 3 \text{ bees} \\ \hline 4 \text{ bees} \end{array}$	 $\begin{array}{r} 2 \text{ chicks} \\ + 2 \text{ chicks} \\ \hline 4 \text{ chicks} \end{array}$

Write the answers.

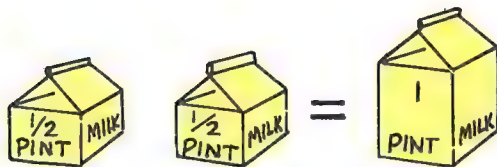
$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$	$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$
---	---	---	---	---	---

$2 + 2 = \boxed{4}$	$2 + \boxed{1} = 3$	$1 + \boxed{2} = 3$
$2 + 1 = \boxed{3}$	$\boxed{1} + 2 = 3$	$1 + 3 = \boxed{4}$
$1 + 2 = \boxed{3}$	$3 + 1 = \boxed{4}$	$\boxed{2} + 1 = 3$

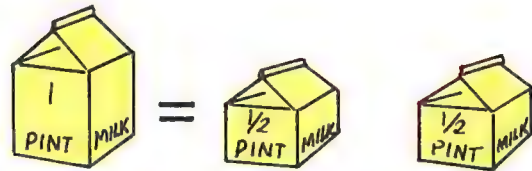


## Liquid Measure

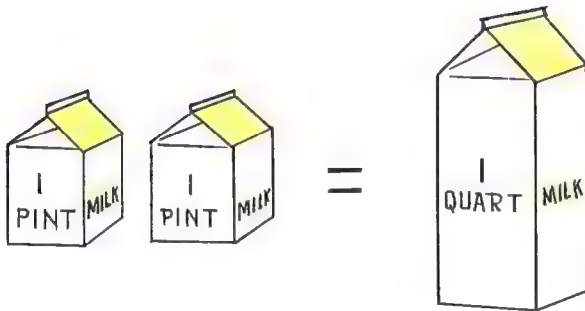
Talk about pints and quarts.



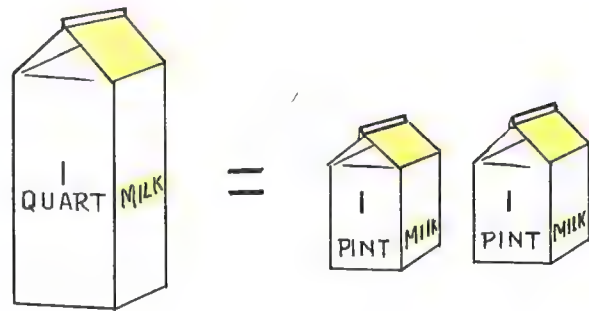
$$\underline{2} \text{ half-pints} = \underline{1} \text{ pint}$$



$$\underline{1} \text{ pint} = \underline{2} \text{ half-pints}$$



$$\underline{2} \text{ pints} = \underline{1} \text{ quart}$$



$$\underline{1} \text{ quart} = \underline{2} \text{ pints}$$

Write the answers.

$$1 \text{ pint} + 1 \text{ pint} = \underline{2} \text{ pints}$$

$$1 \text{ half-pint} + 1 \text{ half-pint} = \underline{1} \text{ pint}$$

$$\underline{1} \text{ quart} = 1 \text{ pint} + 1 \text{ pint}$$

Groups, or Sets, Which Equal 5


Trace the dotted lines.

Write the numeral that tells how many.



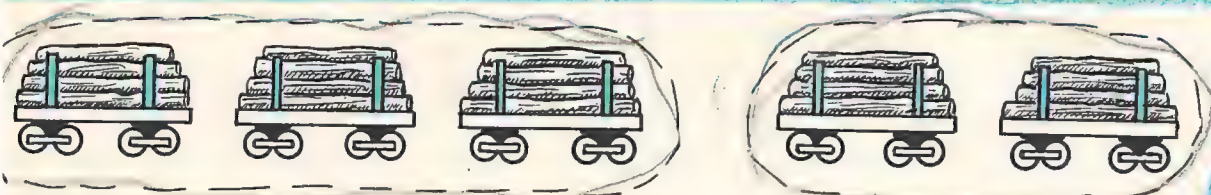
4                      1

5




1                      4

5



3                      2

5



2                      3

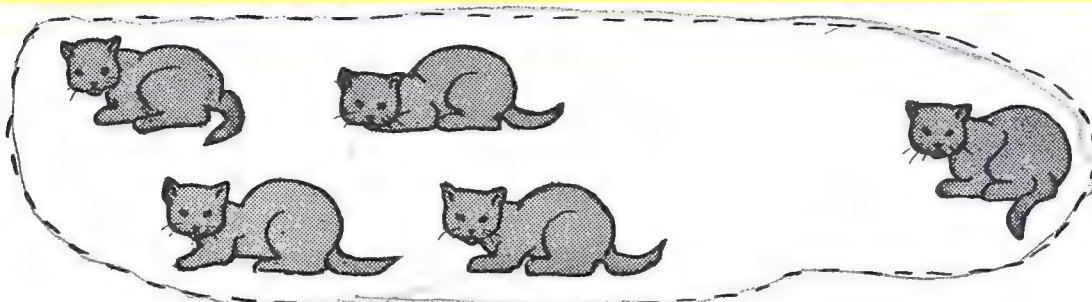
5



# Addition Fact 4 + 1

Talk about adding 4 + 1.

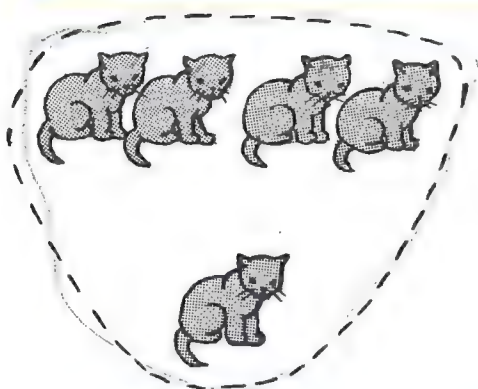
Trace the dotted lines. Write the answers.



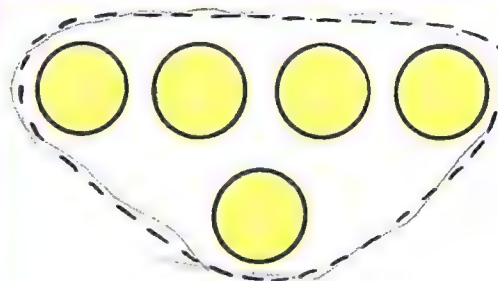
5

$$4 \text{ cats} + 1 \text{ cat} = \underline{5} \text{ cats}$$

$$4 + 1 = \boxed{5}$$



$$\begin{array}{r} 4 \text{ cats} \\ + 1 \text{ cat} \\ \hline 5 \text{ cats} \end{array}$$



$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

Write the answers.

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \\ 1 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \\ 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \\ 4 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \\ 2 \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \\ 1 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \\ 1 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \\ 4 \end{array}$$

$$\begin{array}{r} + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} + 3 \\ \hline 4 \end{array}$$

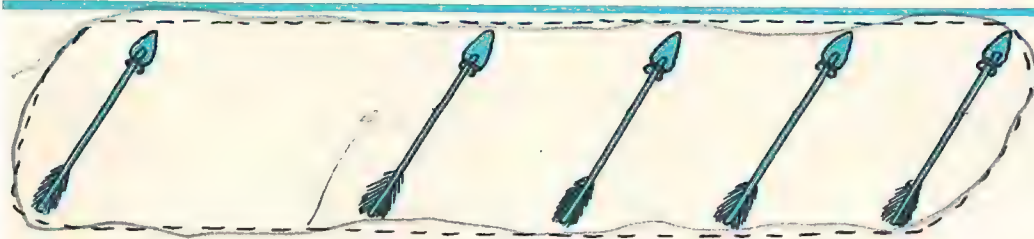
$$\begin{array}{r} + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} + 1 \\ \hline 5 \end{array}$$

# Addition Fact 1 + 4

Talk about adding 1 + 4.

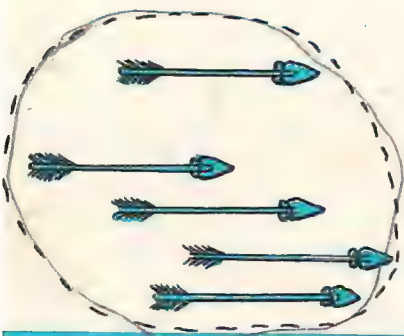
Trace the dotted lines. Write the answers.



5

$$1 \text{ arrow} + 4 \text{ arrows} = \underline{5} \text{ arrows}$$

$$1 + 4 = \boxed{5}$$



$$\begin{array}{r} 1 \text{ arrow} \\ + 4 \text{ arrows} \\ \hline 5 \text{ arrows} \end{array}$$



$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

Write the answers.

$$4 + 1 = \boxed{5}$$

$$4 + \boxed{1} = 5$$

$$\boxed{4} + 1 = 5$$

$$1 + 4 = \boxed{5}$$

$$1 + \boxed{4} = 5$$

$$\boxed{1} + 4 = 5$$

$$2 + 2 = \boxed{4}$$

$$3 + \boxed{1} = 4$$

$$\boxed{1} + 3 = 4$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

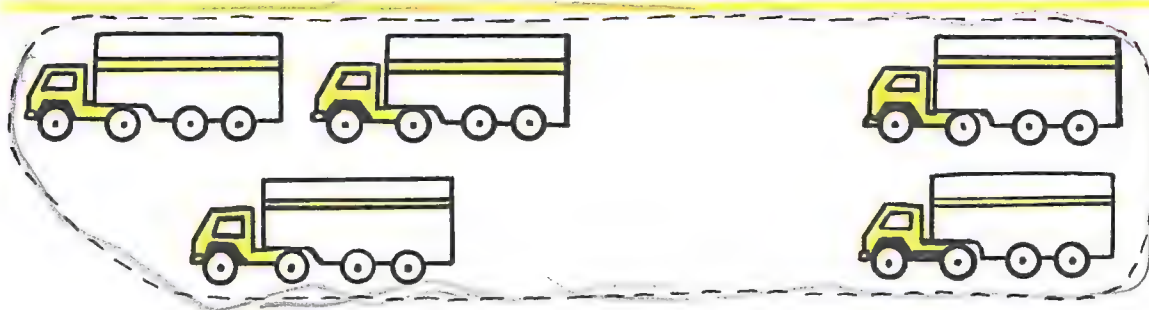
$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$



# Addition Fact 3 + 2

Talk about adding 3 + 2.

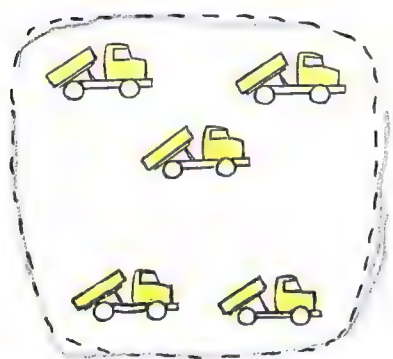
Trace the dotted lines. Write the answers.



5

3 trucks + 2 trucks = 5 trucks

3 + 2 = 5



3 trucks  
+ 2 trucks  
5 trucks



3  
+ 2  
5

Write the answers.

3  
+ 2  
5

1

+ 4  
5

4  
+ 1  
5

3

+ 1  
4

2  
+ 2  
4

2

+ 1  
3

2  
+ 1  
3

4

+ 1  
5

3  
+ 2  
5

1

+ 3  
4

1  
+ 2  
3

3

+ 2  
5

1  
+ 1  
2

2

+ 2  
4

# Addition Fact 2 + 3

Talk about adding 2 + 3.

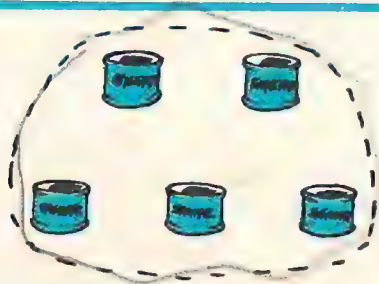
Trace the dotted lines. Write the answers.



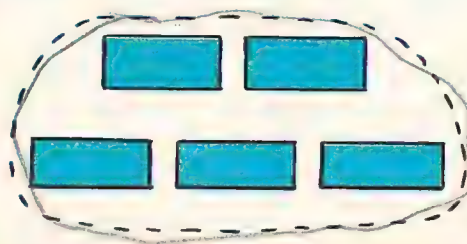
5

$$2 \text{ cans} + 3 \text{ cans} = 5 \text{ cans}$$

$$2 + 3 = 5$$



$$\begin{array}{r} 2 \text{ cans} \\ + 3 \text{ cans} \\ \hline 5 \text{ cans} \end{array}$$



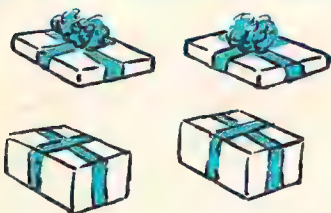
$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

Write the answers.

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$2 + 3 = 5 \quad 2 + 3 = 5 \quad 2 + 3 = 5$$

$$3 + 2 = 5 \quad 3 + 2 = 5 \quad 3 + 2 = 5$$



Ann carried 2 packages.

Jane carried 2 packages.

The girls carried 4 packages.

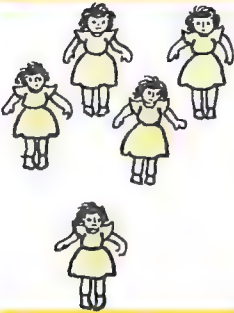
$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$




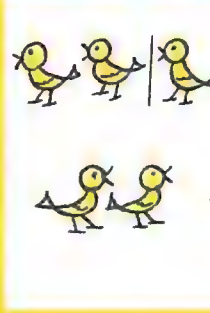
# Review of Addition


You can do this page by yourself.


Read each number story. Then write the answer.

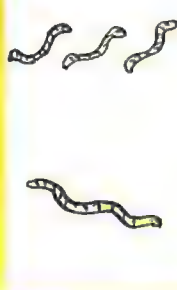


$$\begin{array}{r} 4 \text{ dolls} \\ + 1 \text{ doll} \\ \hline 5 \text{ dolls} \end{array}$$


$$\begin{array}{r} 1 \text{ top} \\ + 4 \text{ tops} \\ \hline 5 \text{ tops} \end{array}$$


$$\begin{array}{r} 3 \text{ birds} \\ + 2 \text{ birds} \\ \hline 5 \text{ birds} \end{array}$$


$$\begin{array}{r} 2 \text{ bears} \\ + 3 \text{ bears} \\ \hline 5 \text{ bears} \end{array}$$


$$\begin{array}{r} 2 \text{ dogs} \\ + 2 \text{ dogs} \\ \hline 4 \text{ dogs} \end{array}$$


$$\begin{array}{r} 3 \text{ worms} \\ + 1 \text{ worm} \\ \hline 4 \text{ worms} \end{array}$$

Write the answers.

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$3 + 1 = \boxed{4}$$

$$4 + \boxed{1} = 5$$

$$\boxed{2} + 2 = 4$$

$$3 + 2 = \boxed{5}$$

$$1 + \boxed{4} = 5$$

$$\boxed{2} + 3 = 5$$



Mary had 1 bicycle.

1

Joe had 1 bicycle.

+ 1



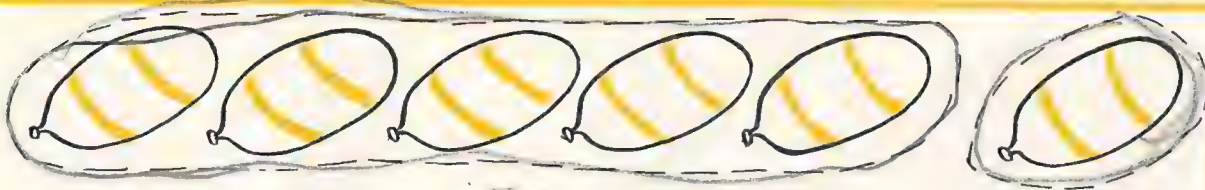
They had 2 bicycles.

2

~~100~~ Groups, or Sets, Which Equal 6

Trace the dotted lines.

Write the numeral that tells how many.



6



6



6



6



3



3

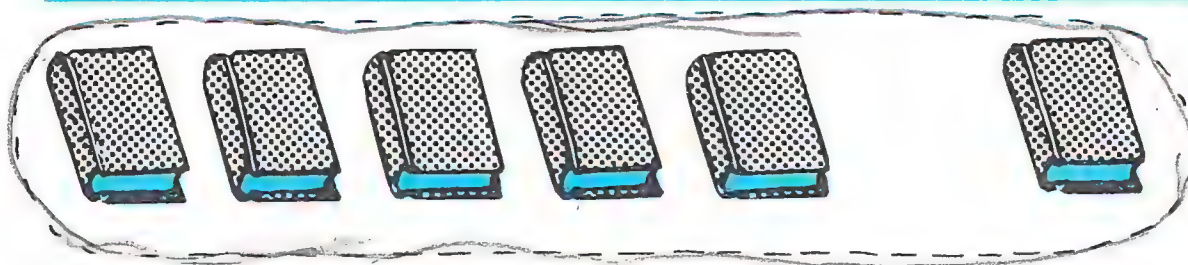
6



# Addition Fact 5 + 1

Talk about adding 5 + 1.

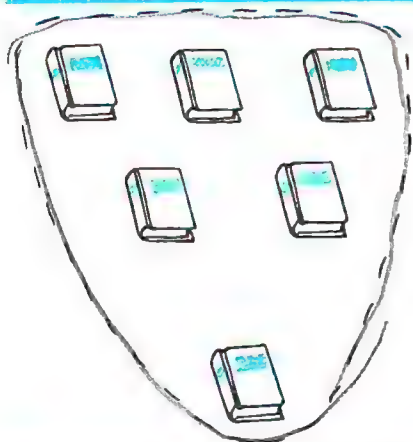
Trace the dotted lines. Write the answers.



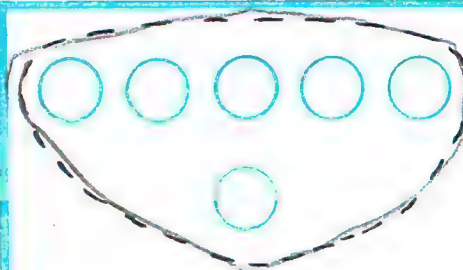
6

5 books + 1 book = 6 books

5 + 1 = 6



5 books  
+ 1 book  
6 books



5  
+ 1  
6

Write the answers.

5  
+ 1  
6

4  
+ 1  
5

1  
+ 3  
4

5  
+ 1  
6

3  
+ 2  
5

2  
+ 2  
4

2  
+ 3  
5

3  
+ 2  
5

1  
+ 4  
5

5  
+ 1  
6

2  
+ 1  
3

3  
+ 1  
4

1  
+ 2  
3

5  
+ 1  
6

# Addition Fact 1 + 5

Talk about adding 1 + 5.

Trace the dotted lines. Write the answers.



6

1 rocket + 5 rockets = 6 rockets

1 + 5 = 6



1 rocket  
+ 5 rockets  
6 rockets



1  
+ 5  
6

Write the answers.

1	5	3	2	1	4	1
+ 5	+ 1	+ 2	+ 2	+ 5	+ 1	+ 4
<u>6</u>	<u>6</u>	<u>5</u>	<u>4</u>	<u>6</u>	<u>5</u>	<u>5</u>

5 + 1 = 6

5 + 1 = 6

5 + 1 = 6

1 + 5 = 6

1 + 5 = 6

1 + 5 = 6



Bob had 4 walnuts.

4

Sue had 1 walnut.

+ 1

They had 5 walnuts.

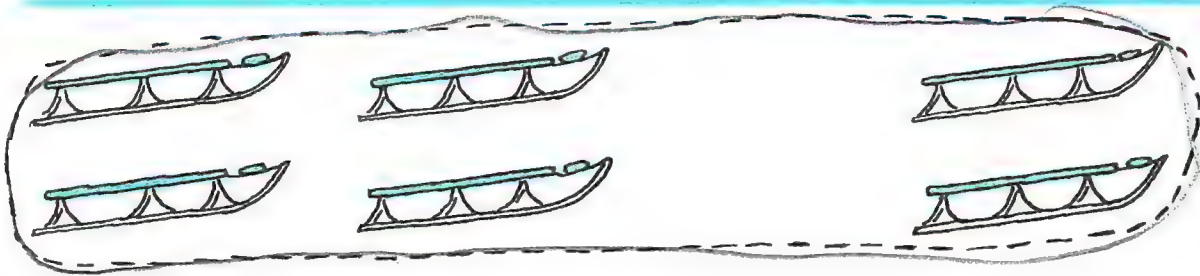
5



# Addition Fact 4 + 2

Talk about adding 4 + 2.

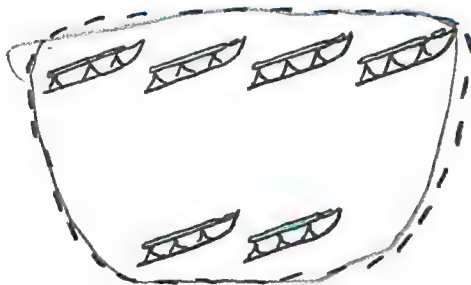
Trace the dotted lines. Write the answers.



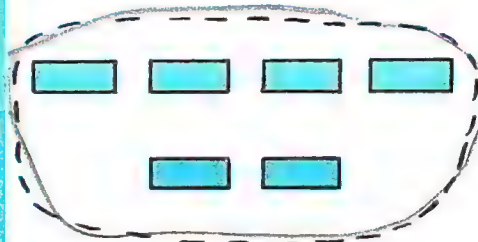
6

$$4 \text{ sleds} + 2 \text{ sleds} = 6 \text{ sleds}$$

$$4 + 2 = 6$$



$$\begin{array}{r} 4 \text{ sleds} \\ + 2 \text{ sleds} \\ \hline 6 \text{ sleds} \end{array}$$



$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

Write the answers.

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

4

$$\begin{array}{r} + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array}$$

1

$$\begin{array}{r} + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

4

$$\begin{array}{r} + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

3

$$\begin{array}{r} + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

1

$$\begin{array}{r} + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

2

$$\begin{array}{r} + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

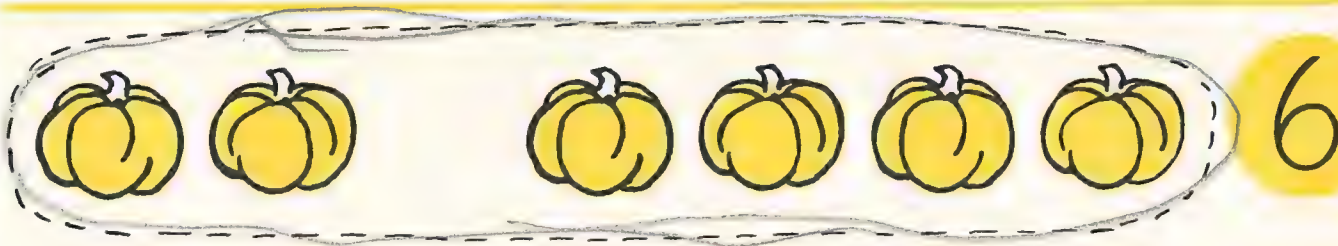
3

$$\begin{array}{r} + 2 \\ \hline 5 \end{array}$$

# Addition Fact 2 + 4

Talk about adding 2 + 4.

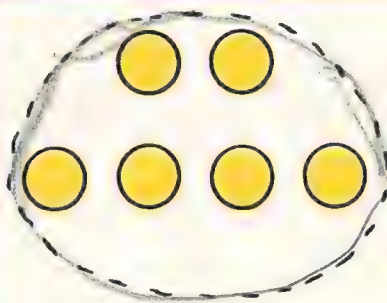
Trace the dotted lines. Write the answers.



$$2 \text{ pumpkins} + 4 \text{ pumpkins} = \underline{6} \text{ pumpkins} \quad 2 + 4 = \boxed{6}$$



$$\begin{array}{r} 2 \text{ pumpkins} \\ + 4 \text{ pumpkins} \\ \hline 6 \text{ pumpkins} \end{array}$$



$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$

Write the answers.

$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$4 + 2 = \boxed{6}$$

$$4 + \boxed{2} = 6$$

$$\boxed{4} + 2 = 6$$

$$2 + 4 = \boxed{6}$$

$$2 + \boxed{4} = 6$$

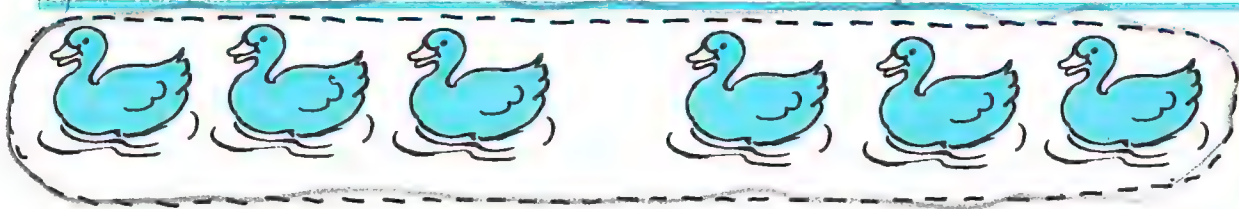
$$\boxed{2} + 4 = 6$$



# Addition Fact 3 + 3

Talk about adding 3 + 3.

Trace the dotted lines. Write the answers.



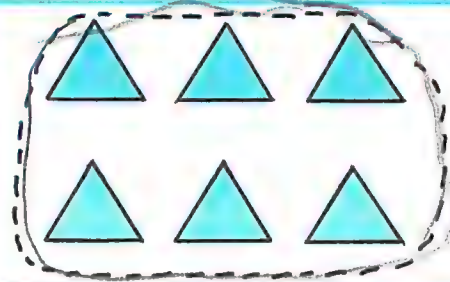
6

3 ducks + 3 ducks = 6 ducks

3 + 3 = 6



3 ducks  
+ 3 ducks  
6 ducks



3  
+ 3  
6

Write the answers.

3  
+ 3  
6

4  
+ 2  
6

2  
+ 2  
4

3  
+ 3  
6

5  
+ 1  
6

4  
+ 1  
5

1  
+ 5  
6

3 + 3 = 6

3 + 3 = 6

3 + 3 = 6

4 + 2 = 6

2 + 4 = 6

2 + 4 = 6



Jack has 3 butterflies.

Jane has 2 butterflies.

They have 5 butterflies.

3  
+ 2  
5

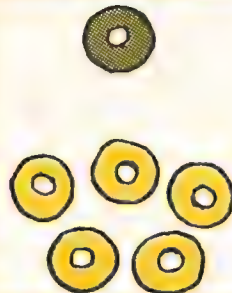
# Review of Addition

You can do this page by yourself.

Read each number story. Then write the answer.



$$\begin{array}{r} 5 \text{ cookies} \\ + 1 \text{ cookie} \\ \hline 6 \text{ cookies} \end{array}$$



$$\begin{array}{r} 1 \text{ doughnut} \\ + 5 \text{ doughnuts} \\ \hline 6 \text{ doughnuts} \end{array}$$



$$\begin{array}{r} 4 \text{ cupcakes} \\ + 2 \text{ cupcakes} \\ \hline 6 \text{ cupcakes} \end{array}$$



$$\begin{array}{r} 2 \text{ pies} \\ + 4 \text{ pies} \\ \hline 6 \text{ pies} \end{array}$$



$$\begin{array}{r} 3 \text{ rolls} \\ + 3 \text{ rolls} \\ \hline 6 \text{ rolls} \end{array}$$



$$\begin{array}{r} 3 \text{ buns} \\ + 2 \text{ buns} \\ \hline 5 \text{ buns} \end{array}$$

Write the answers.

$\begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$
$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$	$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$



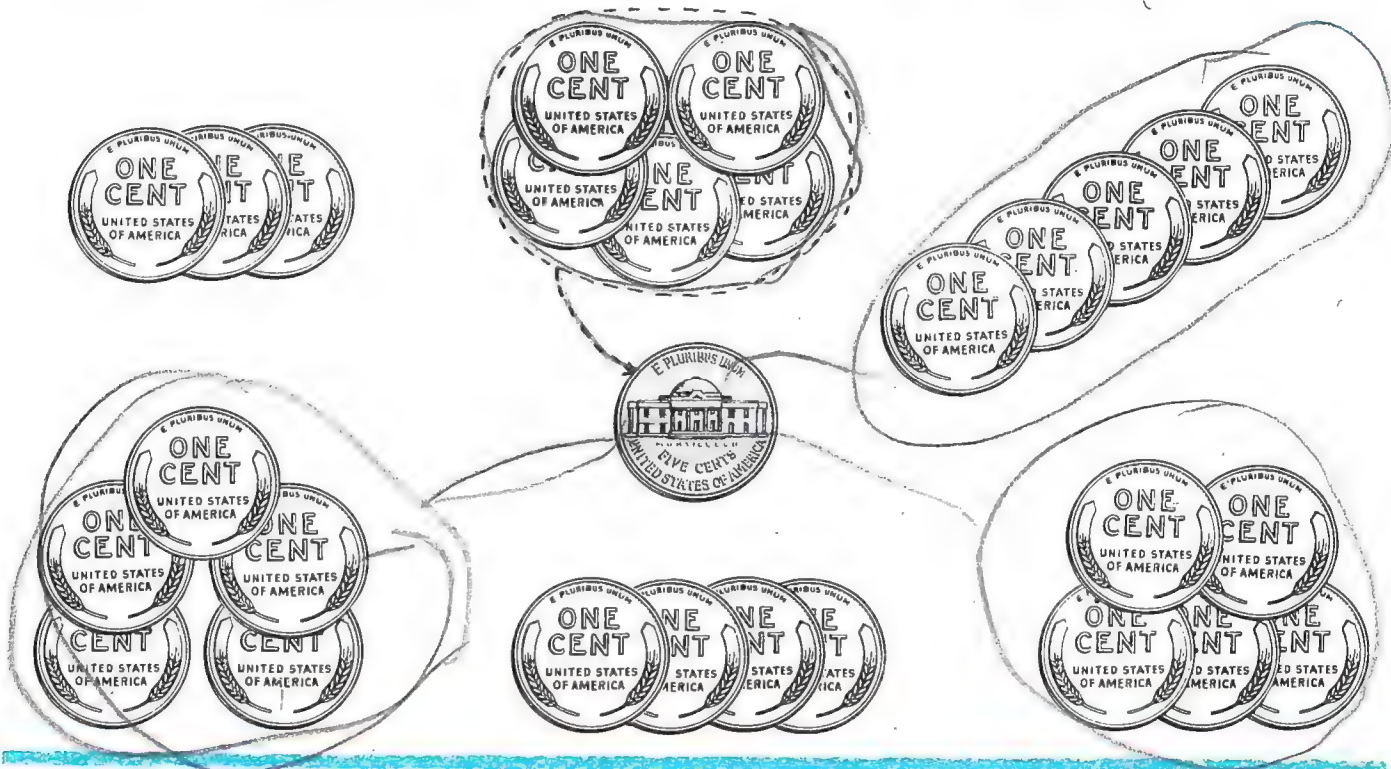
## Value of a Nickel



5 cents = 1 nickel

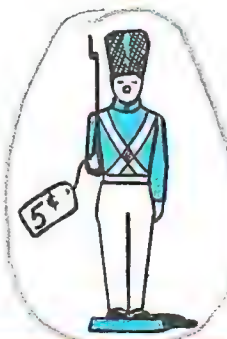
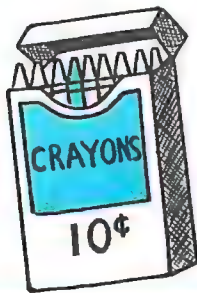
Draw a ring around each group of 5 cents below.

Draw a line from each group of 5 cents to the nickel.



Which things below can you buy for a nickel?

Draw a ring around them.

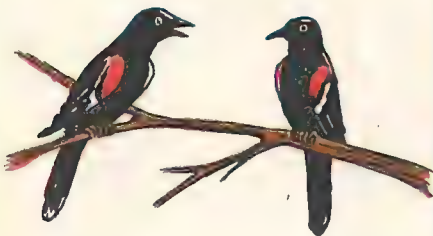


05

# Subtraction Fact 2 - 1

Talk about subtraction.

Trace the dotted lines. Write the answers.



2 birds



1 bird flew away



1 bird is left

$$2 \text{ birds} - 1 \text{ bird} = \underline{1} \text{ bird}$$

$$2 - 1 = \boxed{1}$$



$$\begin{array}{r} 2 \text{ birds} \\ - 1 \text{ bird} \\ \hline 1 \text{ bird} \end{array}$$

Write the answers.



$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \text{ dogs} \\ - 1 \text{ dog} \\ \hline 1 \text{ dog} \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$



Betty had 2 kittens.

She gave 1 kitten away.

She had 1 kitten left.

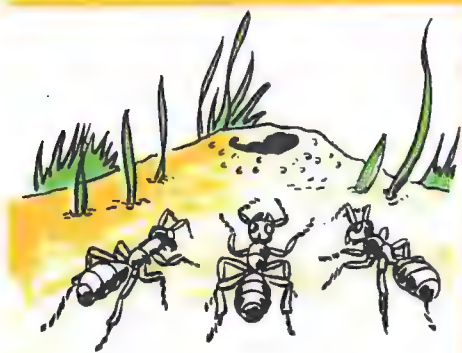
$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$



# Subtraction Fact 3 - 1

Talk about subtracting 3 - 1.

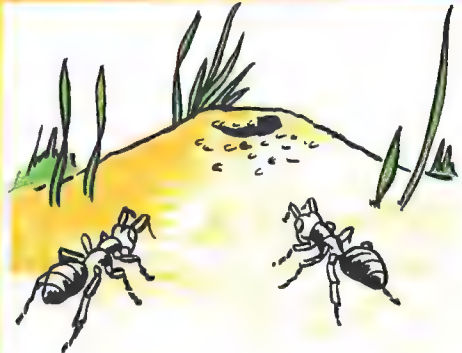
Trace the dotted lines. Write the answers.



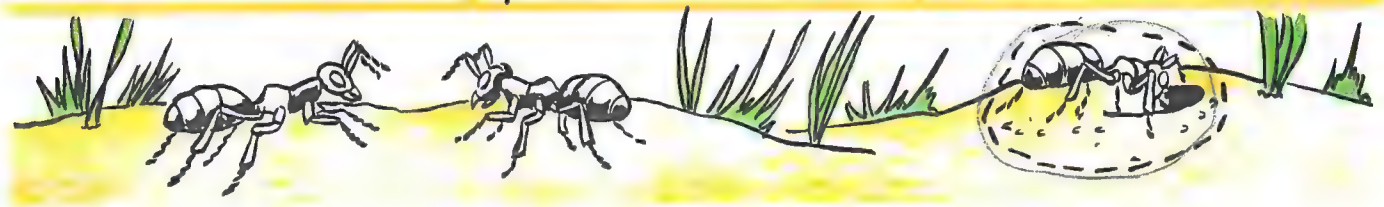
3 ants



1 ant went away



2 ants are left

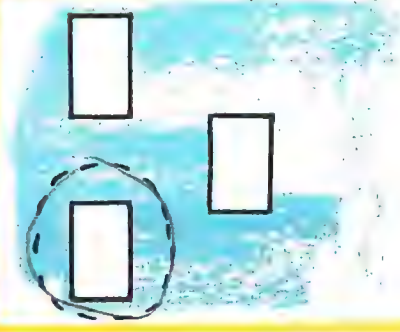


$$3 \text{ ants} - 1 \text{ ant} = 2 \text{ ants}$$

$$3 - 1 = 2$$



$$\begin{array}{r} 3 \text{ ants} \\ - 1 \text{ ant} \\ \hline 2 \text{ ants} \end{array}$$



$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

Write the answers.

$$\begin{array}{r} 3 \text{ dolls} \\ - 1 \text{ doll} \\ \hline 2 \text{ dolls} \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \text{ dogs} \\ - 1 \text{ dog} \\ \hline 1 \text{ dog} \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$

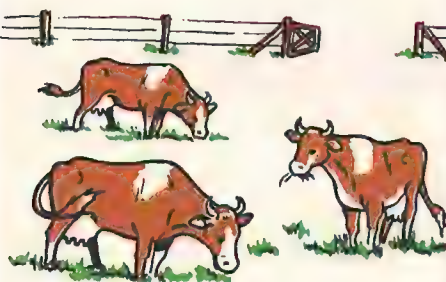
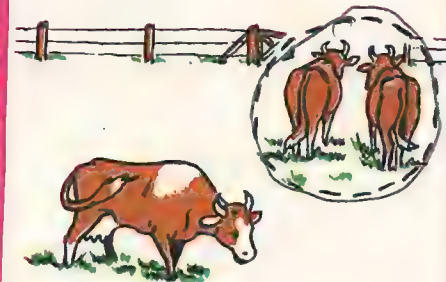
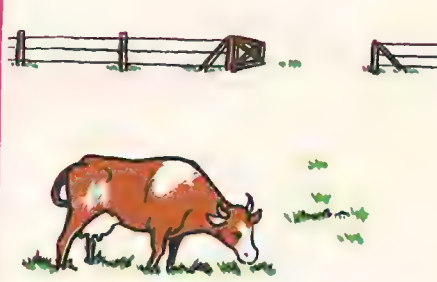
$$\begin{array}{r} 3 \text{ birds} \\ - 1 \text{ bird} \\ \hline 2 \text{ birds} \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

# Subtraction Fact 3 - 2

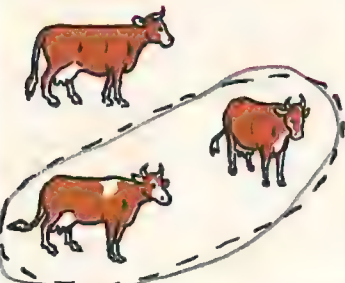

Talk about subtracting  $3 - 2$ .

Trace the dotted lines. Write the answers.

 <p>3 cows</p>	 <p>2 cows go away</p>	 <p>1 cow is left</p>
--	---	---

$$3 \text{ cows} - 2 \text{ cows} = \underline{1} \text{ cow}$$

$$3 - 2 = \boxed{1}$$

 $\begin{array}{r} 3 \text{ cows} \\ - 2 \text{ cows} \\ \hline 1 \text{ cow} \end{array}$	 $\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$
--	--

Write the answers.

$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$
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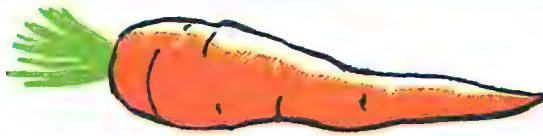


# Relating Subtraction to Addition

Read each number story.

Write the answer.

1 day / 100



$$\begin{array}{r} 1 \text{ carrot} \\ + 1 \text{ carrot} \\ \hline 2 \text{ carrots} \end{array}$$

$$\begin{array}{r} 2 \text{ carrots} \\ - 1 \text{ carrot} \\ \hline 1 \text{ carrot} \end{array}$$

$$\begin{array}{r} 1 + 1 = \boxed{2} \\ 2 - 1 = \boxed{1} \end{array}$$



$$\begin{array}{r} 2 \text{ tomatoes} \\ + 1 \text{ tomato} \\ \hline 3 \text{ tomatoes} \end{array}$$

$$\begin{array}{r} 3 \text{ tomatoes} \\ - 1 \text{ tomato} \\ \hline 2 \text{ tomatoes} \end{array}$$

$$\begin{array}{r} 2 + 1 = \boxed{3} \\ 3 - 1 = \boxed{2} \end{array}$$

$$\begin{array}{r} 1 \text{ tomato} \\ + 2 \text{ tomatoes} \\ \hline 3 \text{ tomatoes} \end{array}$$

$$\begin{array}{r} 3 \text{ tomatoes} \\ - 2 \text{ tomatoes} \\ \hline 1 \text{ tomato} \end{array}$$

$$\begin{array}{r} 1 + 2 = \boxed{3} \\ 3 - 2 = \boxed{1} \end{array}$$

Write the answers.

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \\ 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \\ 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \\ 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \\ 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \\ 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \\ 2 \\ - 2 \\ \hline 0 \end{array}$$

## Review of Subtraction

Talk about the number stories.

Write the answers.

2 sheep

- 1 sheep

1 sheep

3 cows

- 1 cow

2 cows

3 horses

- 2 horses

1 horse

2

3

3

2

3

3

$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$

$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$

$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$

$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$

$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$

$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$



Lee had 2 doughnuts.

2



He gave 1 doughnut to a friend.

$\begin{array}{r} - 1 \\ \hline \end{array}$

He had 1 doughnut left.

1



Jack had 3 balloons.

3

He gave 2 balloons to Bob.

$\begin{array}{r} - 2 \\ \hline \end{array}$

Jack had 1 balloon left.

1



Sue had 3 valentines.

3

She gave 1 valentine to Jane.

$\begin{array}{r} - 1 \\ \hline \end{array}$

Sue had 2 valentines left.

2



# Review of Addition and Subtraction

You can do this page by yourself.

Read each number story. Then write the answer.



$$\begin{array}{r} 3 \text{ birds} \\ - 1 \text{ bird} \\ \hline 2 \text{ birds} \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 3 \text{ birds} \\ - 2 \text{ birds} \\ \hline 1 \text{ bird} \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$



$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

Write the answers.

$$\boxed{2} + 1 = 3$$

$$1 + \boxed{2} = 3$$

$$\boxed{1} + 1 = 2$$

$$3 - 1 = \boxed{2}$$

$$3 - \boxed{2} = 1$$

$$\boxed{2} - \boxed{1} = 1$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

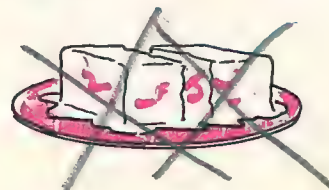
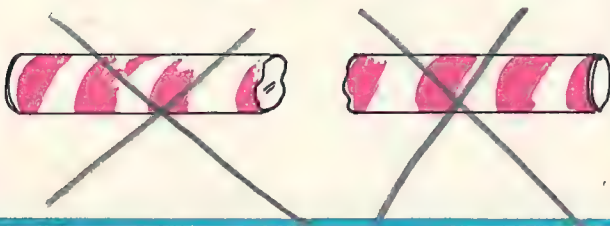
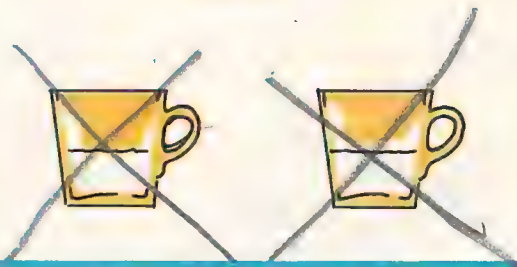
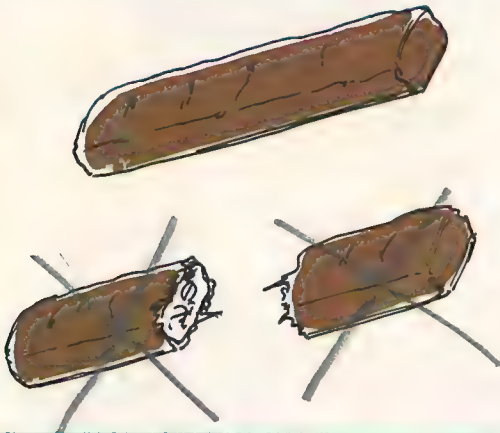
$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$

<sup>100</sup>  
The Fractional Number — One Half

<sup>100</sup>  
Your teacher will help you with this page.



Find each one half. Write  $\times$  on it.

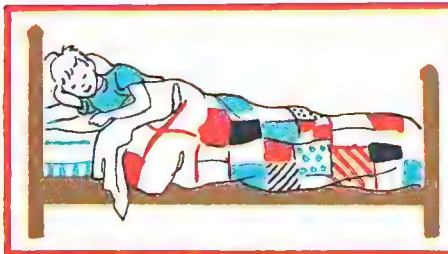




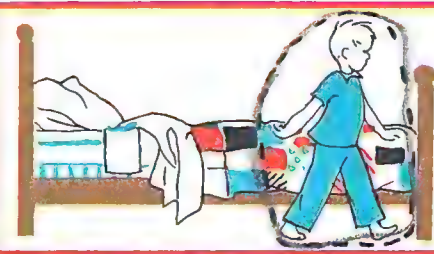
# Subtraction Facts 1 - 1, 2 - 2, 3 - 3

Talk about subtracting when not any are left.

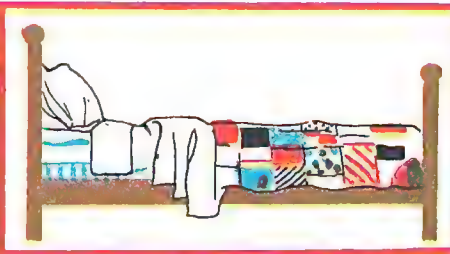
Trace the dotted lines. Write the answers.



1 boy

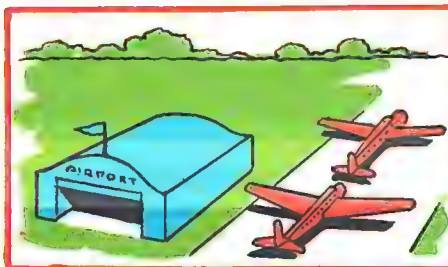


1 boy goes away

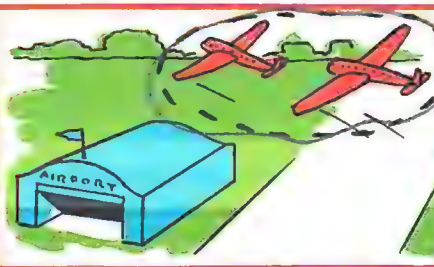


not any are left

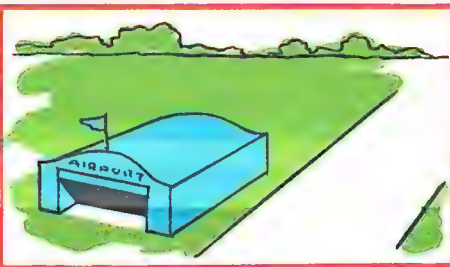
$$1 - 1 = 0$$



2 airplanes



2 airplanes fly away

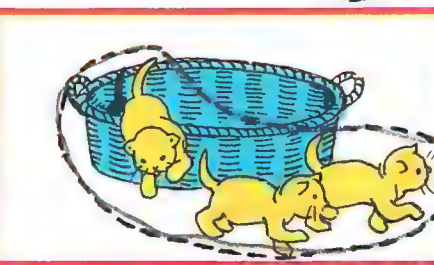


not any are left

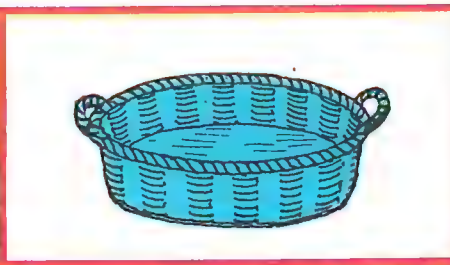
$$2 - 2 = 0$$



3 kittens



3 kittens go away



not any are left

$$3 - 3 = 0$$

$$\begin{array}{r} 1 \\ -1 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ -2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 2 \\ -2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$$

# Using Money

Your teacher will show you what to do.



1 cent



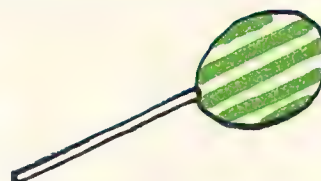
2 cents



3 cents



4 cents



5 cents



1 cent



4 cents



2 cents



3 cents



3 cents



2 cents



4 cents



0 cents



5 cents



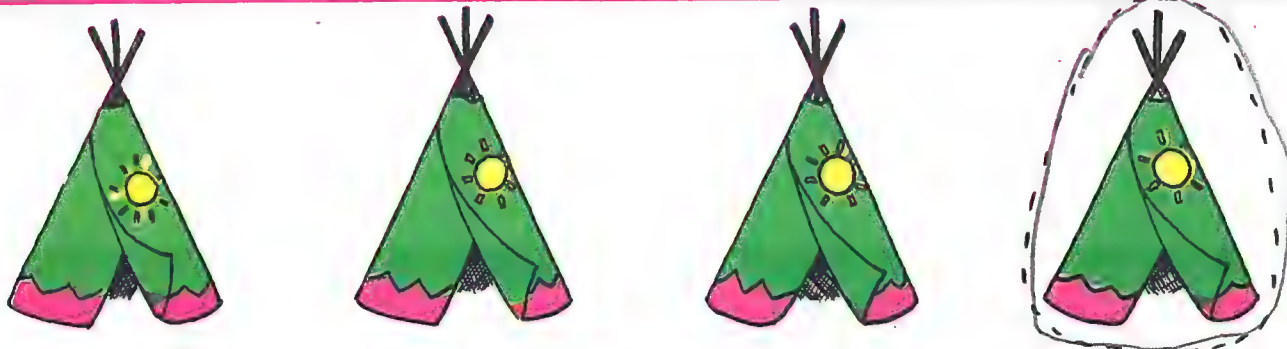
5 cents



# Subtraction Fact 4 - 1

Talk about subtracting 4 - 1.

Trace the dotted lines. Write the answers.

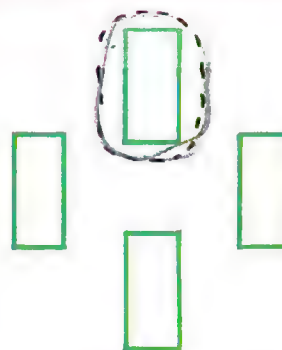


$$4 \text{ tents} - 1 \text{ tent} = \underline{3} \text{ tents}$$

$$4 - 1 = \boxed{3}$$



$$\begin{array}{r} 4 \text{ tents} \\ - 1 \text{ tent} \\ \hline 3 \text{ tents} \end{array}$$



$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

Write the answers.

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \\ - 2 \\ \hline 1 \\ - 2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \\ 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \\ 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \\ 2 \\ - 2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \\ 2 \\ - 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 1 \\ - 1 \\ \hline 0 \\ 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline 0 \\ 4 \\ - 1 \\ \hline 3 \end{array}$$

# Subtraction Fact 4 - 3

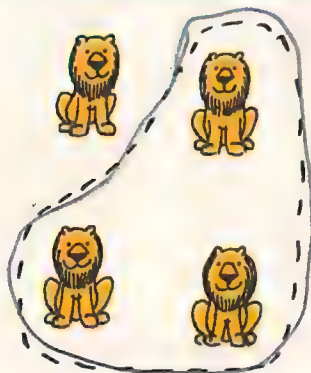
Talk about subtracting 4 - 3.

Trace the dotted lines. Write the answers.

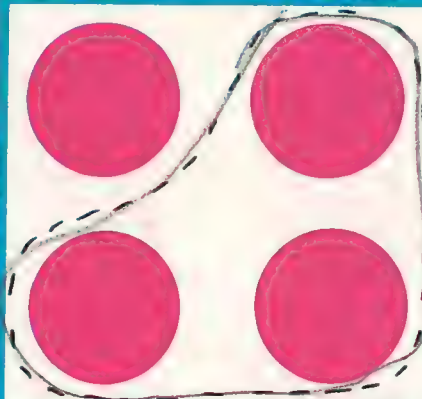


$$4 \text{ lions} - 3 \text{ lions} = \underline{1} \text{ lion}$$

$$4 - 3 = \boxed{1}$$



$$\begin{array}{r} 4 \text{ lions} \\ - 3 \text{ lions} \\ \hline 1 \text{ lion} \end{array}$$



$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

Write the answers.

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \text{ dolls} \\ - 3 \text{ dolls} \\ \hline 1 \text{ doll} \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \text{ cars} \\ - 1 \text{ car} \\ \hline 3 \text{ cars} \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$



# Subtraction Fact 4 - 2

Talk about subtracting 4 - 2.

Trace the dotted lines. Write the answers.



$$4 \text{ pails} - 2 \text{ pails} = \underline{2} \text{ pails}$$

$$4 - 2 = \boxed{2}$$



$$\begin{array}{r} 4 \text{ pails} \\ - 2 \text{ pails} \\ \hline 2 \text{ pails} \end{array}$$



$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

Write the answers.

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

$$4 - 1 = \boxed{3}$$

$$4 - 3 = \boxed{1}$$

$$2 - 2 = \boxed{0}$$

$$4 - 2 = \boxed{2}$$

$$3 - 3 = \boxed{0}$$

$$3 - 2 = \boxed{1}$$

# Relating Subtraction to Addition

Talk about the number stories.

Write the answers.



3 cars

4 cars

1 car

4 cars

+ 1 car

- 1 car

+ 3 cars

- 3 cars



4 cars

3 cars

4 cars

1 car



3 + 1 =

4

1 + 3 =

4



4 - 1 =

3

4 - 3 =

1



2 dogs

4 dogs

+ 2 dogs

- 2 dogs



4 dogs

2 dogs



2 + 2 =

4

4 - 2 =

2

Write the answers.

3

4

1

4

2

4

+ 1

- 1

+ 3

- 3

+ 2

- 2

4

3

4

1

4

2

2

4

3

4

1

4

+ 2

- 2

+ 1

- 1

+ 3

- 3

4

2

4

3

4

1



## Review Subtraction

Talk about the number stories.

Write the answers.



$$\begin{array}{r} 4 \text{ butterflies} \\ - 2 \text{ butterflies} \\ \hline 2 \text{ butterflies} \end{array}$$

$$\begin{array}{r} 4 \text{ butterflies} \\ - 1 \text{ butterfly} \\ \hline 3 \text{ butterflies} \end{array}$$

$$\begin{array}{r} 4 \text{ butterflies} \\ - 3 \text{ butterflies} \\ \hline 1 \text{ butterfly} \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$$

Write the answers.

$$2 - 1 = \boxed{1}$$

$$3 - 3 = \boxed{0}$$

$$4 - 3 = \boxed{1}$$

$$3 - 1 = \boxed{2}$$

$$4 - 1 = \boxed{3}$$

$$2 - 2 = \boxed{0}$$

$$3 - 2 = \boxed{1}$$

$$4 - 2 = \boxed{2}$$

$$1 - 1 = \boxed{0}$$



Tom had 4 nets.

He gave 1 net to a friend.

Tom had 3 nets left.

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

# Review of Addition and Subtraction

You can do this page by yourself.

Read each number story. Then write the answer.



4 baskets

$$\begin{array}{r} 4 \text{ baskets} \\ - 1 \text{ basket} \\ \hline 3 \text{ baskets} \end{array}$$



4

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$



4 baskets

$$\begin{array}{r} 4 \text{ baskets} \\ - 3 \text{ baskets} \\ \hline 1 \text{ basket} \end{array}$$



4

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$



3

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$



4

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$



1

$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$



4

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

Write the answers.

2

3

3

4

1

4

2

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$3 + 1 = \boxed{4}$$

$$4 - 3 = \boxed{1}$$

$$\boxed{4} - 1 = 3$$

$$\boxed{1} + 2 = 3$$

$$3 - \boxed{1} = 2$$

$$4 - 2 = \boxed{2}$$

$$3 - \boxed{2} = 1$$

$$\boxed{4} - 2 = 2$$

$$2 + \boxed{1} = 3$$



# Subtraction Fact 5 - 1

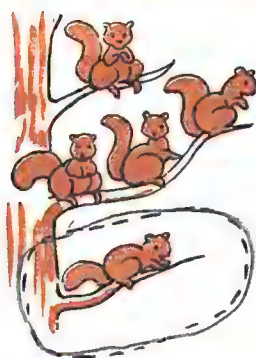
Talk about subtracting 5 - 1.

Trace the dotted lines. Write the answers.

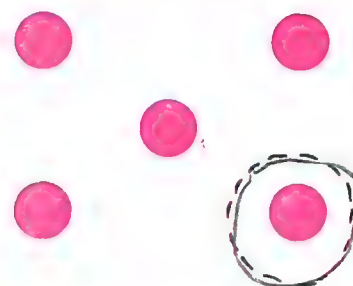


$$5 \text{ squirrels} - 1 \text{ squirrel} = \underline{4} \text{ squirrels}$$

$$5 - 1 = \boxed{4}$$



$$\begin{array}{r} 5 \text{ squirrels} \\ - 1 \text{ squirrel} \\ \hline 4 \text{ squirrels} \end{array}$$



$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

Write the answers.

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline 0 \end{array}$$

# Subtraction Fact 5 - 4

Talk about subtracting 5 - 4.

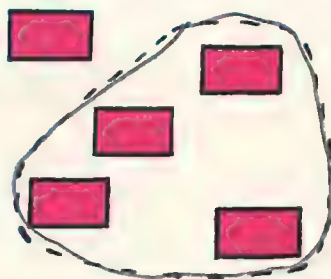
Trace the dotted lines. Write the answers.



$$5 \text{ snowmen} - 4 \text{ snowmen} = 1 \text{ snowman} \quad 5 - 4 = \boxed{1}$$



$$\begin{array}{r} 5 \text{ snowmen} \\ - 4 \text{ snowmen} \\ \hline 1 \text{ snowman} \end{array}$$



$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

Write the answers.

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ - 3 \\ \hline 0 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$- 1 = \boxed{4}$$

$$\boxed{4} - 1 = 3$$

$$5 - \boxed{4} = 1$$

$$- 4 = \boxed{1}$$

$$\boxed{4} - 2 = 2$$

$$5 - \boxed{1} = 4$$

$$- 3 = \boxed{1}$$

$$\boxed{3} - 2 = 1$$

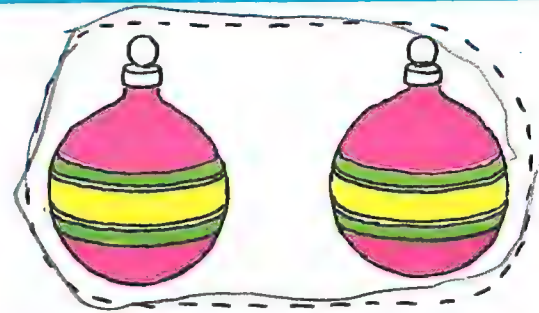
$$2 - \boxed{1} = 1$$



# Subtraction Fact 5 - 2

Talk about subtracting 5 - 2.

Trace the dotted lines. Write the answers.



$$5 \text{ balls} - 2 \text{ balls} = \underline{3} \text{ balls}$$

$$5 - 2 = \boxed{3}$$



$$\begin{array}{r} 5 \text{ balls} \\ - 2 \text{ balls} \\ \hline 3 \text{ balls} \end{array}$$



$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

Write the answers.

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} - 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} - 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} - 2 \\ \hline 3 \end{array}$$

# Subtraction Fact 5 - 3

Talk about subtracting 5 - 3.

Trace the dotted lines. Write the answers.



$$5 \text{ bows} - 3 \text{ bows} = \underline{2} \text{ bows}$$

$$5 - 3 = \boxed{2}$$



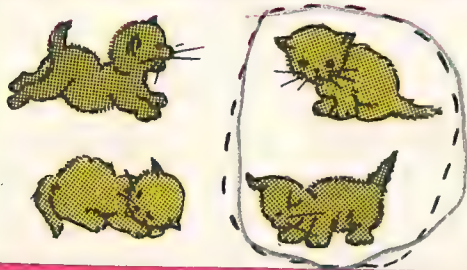
$$\begin{array}{r} 5 \text{ bows} \\ - 3 \text{ bows} \\ \hline 2 \text{ bows} \end{array}$$



$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

Write the answers.

$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$	$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$	$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$
---	---	---	---	---	---	---



Betty had 4 kittens.

4

She gave 2 kittens away.

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

She had 2 kittens left.

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$



# Relating Subtraction to Addition

Talk about the number stories.

Write the answers.



$$\begin{array}{r} 4 \text{ bugs} \\ + 1 \text{ bug} \\ \hline 5 \text{ bugs} \end{array}$$

$$4 + 1 = \boxed{5}$$

$$5 - 1 = \boxed{4}$$

$$\begin{array}{r} 5 \text{ bugs} \\ - 1 \text{ bug} \\ \hline 4 \text{ bugs} \end{array}$$

$$\begin{array}{r} 1 \text{ bug} \\ + 4 \text{ bugs} \\ \hline 5 \text{ bugs} \end{array}$$

$$1 + 4 = \boxed{5}$$

$$5 - 4 = \boxed{1}$$

$$\begin{array}{r} 5 \text{ bugs} \\ - 4 \text{ bugs} \\ \hline 1 \text{ bug} \end{array}$$



$$\begin{array}{r} 3 \text{ owls} \\ + 2 \text{ owls} \\ \hline 5 \text{ owls} \end{array}$$

$$3 + 2 = \boxed{5}$$

$$5 - 2 = \boxed{3}$$

$$\begin{array}{r} 5 \text{ owls} \\ - 2 \text{ owls} \\ \hline 3 \text{ owls} \end{array}$$

$$\begin{array}{r} 2 \text{ owls} \\ + 3 \text{ owls} \\ \hline 5 \text{ owls} \end{array}$$

$$2 + 3 = \boxed{5}$$

$$5 - 3 = \boxed{2}$$

$$\begin{array}{r} 5 \text{ owls} \\ - 3 \text{ owls} \\ \hline 2 \text{ owls} \end{array}$$

Write the answers.

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline 0 \end{array}$$

## Review of Subtraction

Talk about the number stories.

Write the answers.



$$\begin{array}{r} 4 \text{ seals} \\ - 3 \text{ seals} \\ \hline 1 \text{ seal} \end{array}$$

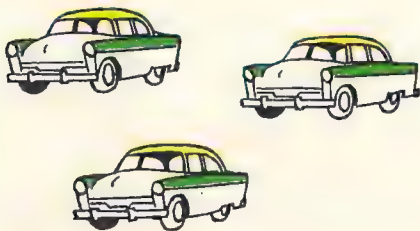
$$\begin{array}{r} 4 \text{ seals} \\ - 2 \text{ seals} \\ \hline 2 \text{ seals} \end{array}$$

$$\begin{array}{r} 4 \text{ seals} \\ - 1 \text{ seal} \\ \hline 3 \text{ seals} \end{array}$$

4	4	4	3	3	4
- 3	- 1	- 3	- 1	- 2	- 2
<u>1</u>	<u>3</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>2</u>

Write the answers.

2	5	5	5	2	3
- 1	- 1	- 4	- 3	- 2	- 3
<u>1</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>



Bill had 3 toy cars.

3

He gave 2 toy cars away.

$$\begin{array}{r} - 2 \\ \hline 1 \end{array}$$

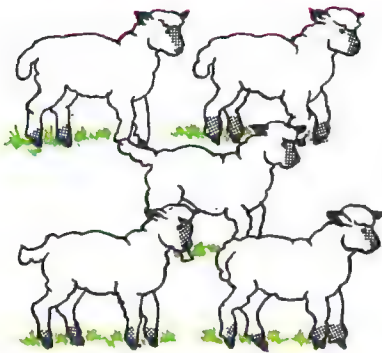
Bill had 1 toy car left.



# Review of Addition and Subtraction

You can do this page by yourself.

Read each number story. Write the answer.

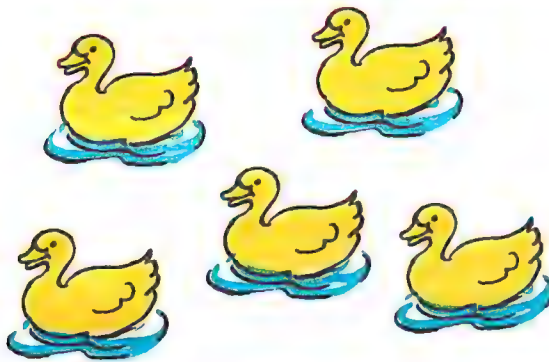


$$\begin{array}{r} 4 \text{ sheep} \\ + 1 \text{ sheep} \\ \hline 5 \text{ sheep} \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \text{ sheep} \\ - 1 \text{ sheep} \\ \hline 4 \text{ sheep} \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$



$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

Write the answers.

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$3 + 2 = \boxed{5}$$

$$5 - \boxed{4} = 1$$

$$\boxed{2} + 3 = 5$$

$$4 + \boxed{1} = 5$$

$$\boxed{5} - 2 = 3$$

$$3 - 2 = \boxed{1}$$

$$\boxed{4} - 1 = 3$$

$$3 + \boxed{2} = 5$$

$$\boxed{3} + 1 = 4$$

## Finding Position of Things In a Row

Read the word above each airplane.

Then trace the dotted numeral under each airplane.

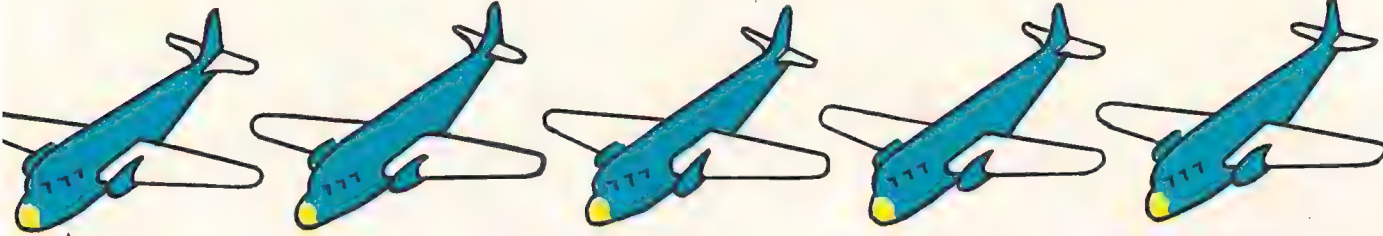
first

second

third

fourth

fifth



1 st

2 nd

3 rd

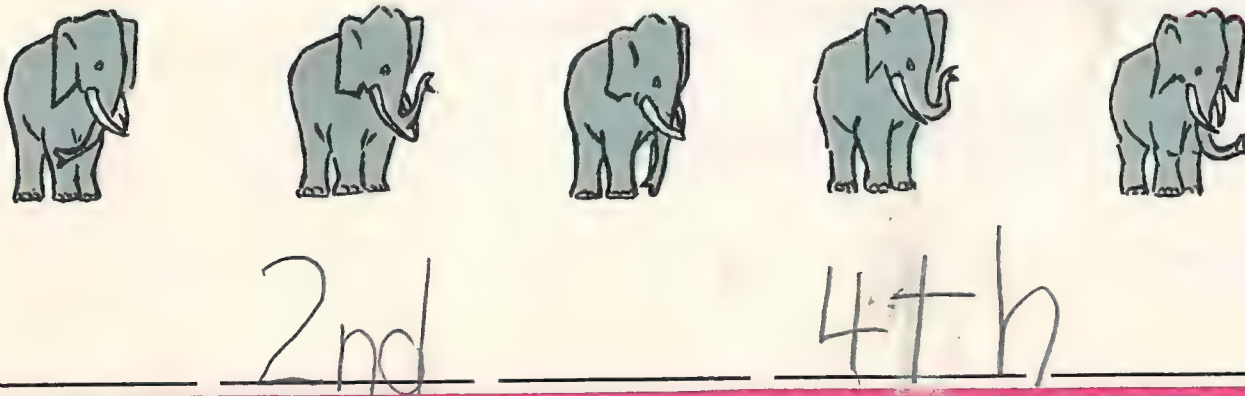
4 th

5 th

Write 1<sup>st</sup>, 3<sup>rd</sup>, or 5<sup>th</sup> under the first, third, and fifth ponies.



Write 2<sup>nd</sup> or 4<sup>th</sup> under the second and fourth elephants.

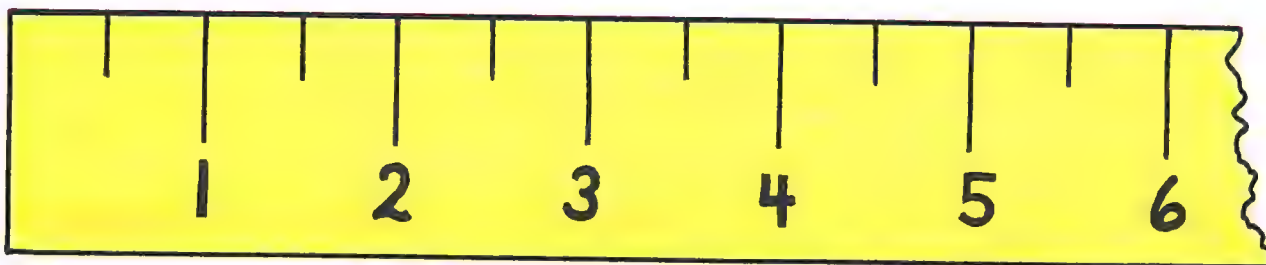




## Measure—Length

Your teacher will show you a ruler.

Trace this part of a ruler. Use it to measure.



Measure the length of each crayon.



3 inches



2 inches

Measure the length of each line below.



5 inches



3 inches



4 inches



1 inch

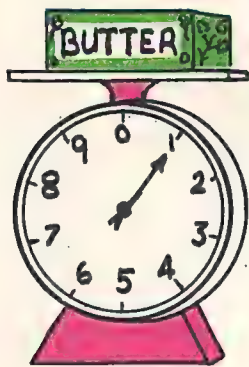
6 inches



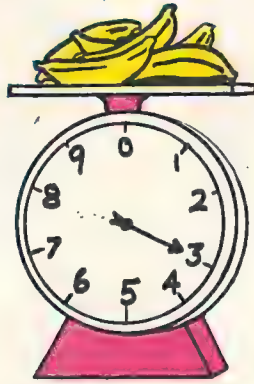
100 Learning about Pounds

Talk about how to use a scale.

Read each scale and write the answer.



1 pound

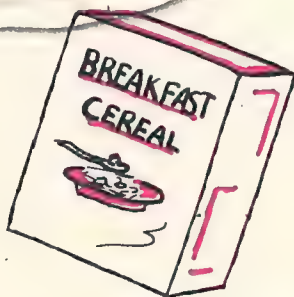
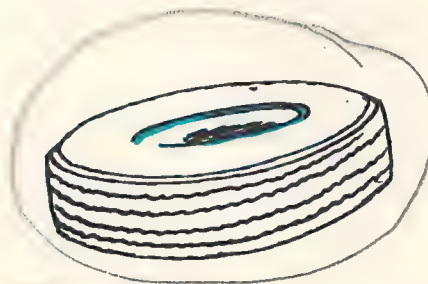


3 pounds



6 pounds

Circle the things below which weigh more than 5 pounds..

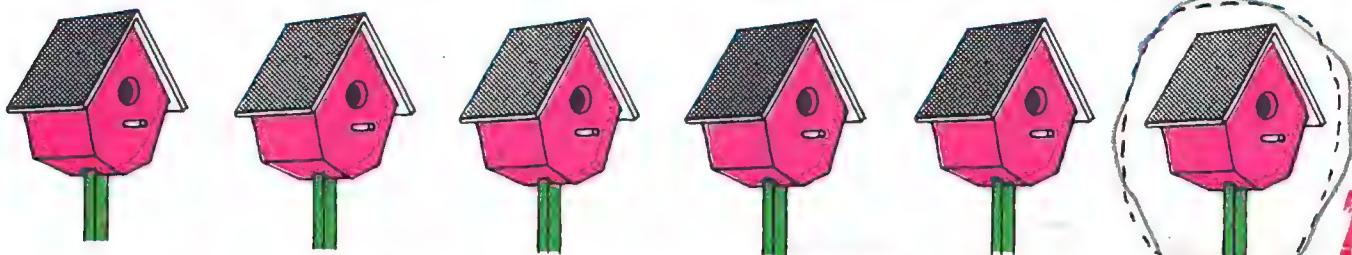




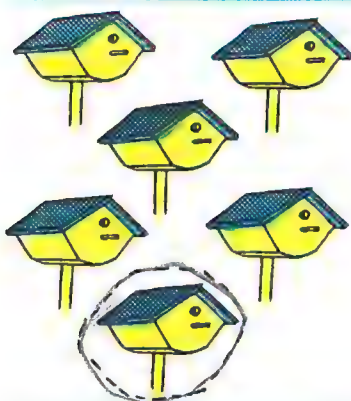
# Subtraction Fact 6 - 1

Talk about subtracting 6 - 1.

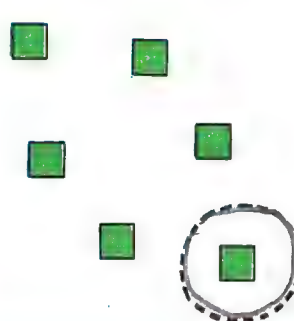
Trace the dotted lines. Write the answers.



6 birdhouses - 1 birdhouse = 5 birdhouses      $6 - 1 = \boxed{5}$



$$\begin{array}{r} 6 \text{ birdhouses} \\ - 1 \text{ birdhouse} \\ \hline 5 \text{ birdhouses} \end{array}$$



$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

Write the answers.

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \\ 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \\ 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \\ 6 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \\ 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \\ 3 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \\ 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \\ 4 \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

# Subtraction Fact 6 - 5

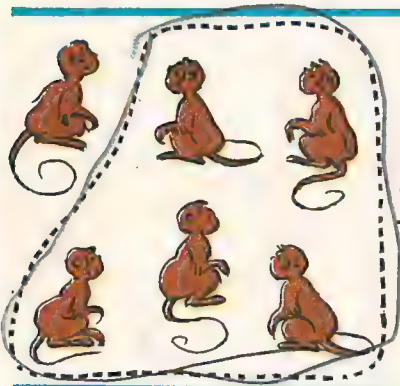
Talk about subtracting 6 - 5.

Trace the dotted lines. Write the answers.



6 monkeys - 5 monkeys = 1 monkey

$$6 - 5 = \boxed{1}$$



6 monkeys  
- 5 monkeys  
1 monkey



$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

Write the answers.

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

$$6 - 1 = \boxed{5}$$

$$6 - 5 = \boxed{1}$$

$$5 - 4 = \boxed{1}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

$$5 - \boxed{3} = 2$$

$$6 - \boxed{5} = 1$$

$$5 - 3 = \boxed{2}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

$$\boxed{6} - 1 = 5$$

$$\boxed{6} - 5 = 1$$

$$5 - 2 = \boxed{3}$$



# Subtraction Fact 6 - 2

Talk about subtracting  $6 - 2$ .

Trace the dotted lines. Write the answers.



$$6 \text{ cupcakes} - 2 \text{ cupcakes} = 4 \text{ cupcakes}$$

$$6 - 2 = 4$$



$$\begin{array}{r} 6 \text{ cupcakes} \\ - 2 \text{ cupcakes} \\ \hline 4 \text{ cupcakes} \end{array}$$



$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

Write the answers.

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

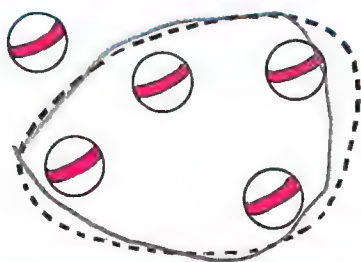
$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$



John has 5 balls.

He will give 4 balls away.

He will have 1 ball left.

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

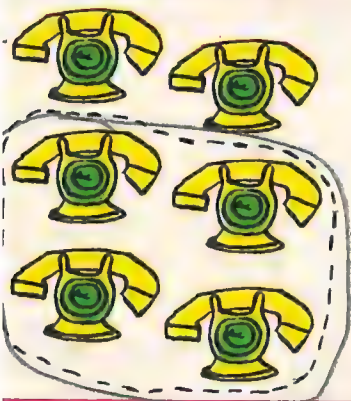
# Subtraction Fact 6 - 4

Talk about subtracting 6 - 4.

Trace the dotted lines. Write the answers.



6 telephones - 4 telephones = 2 telephones     $6 - 4 = \boxed{2}$



$$\begin{array}{r} 6 \text{ telephones} \\ - 4 \text{ telephones} \\ \hline 2 \text{ telephones} \end{array}$$



$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

Write the answers.

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

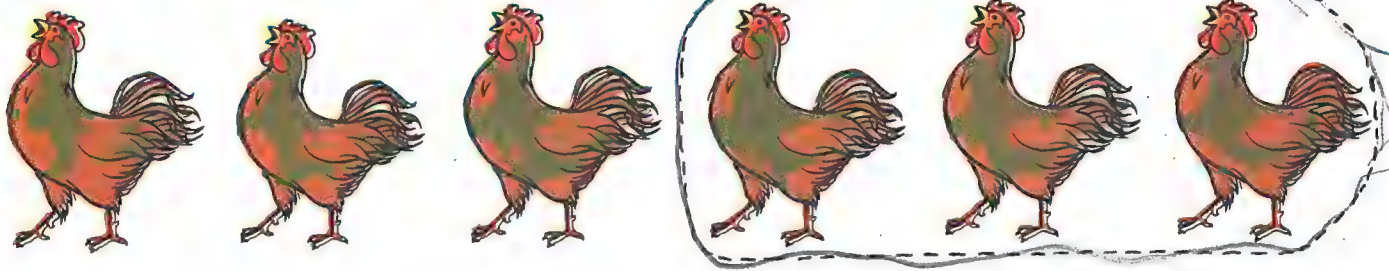
$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$



# Subtraction Fact 6 - 3

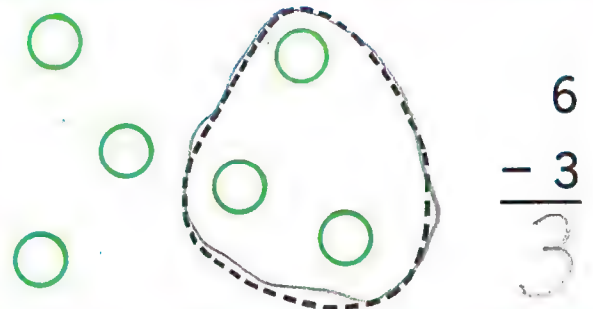
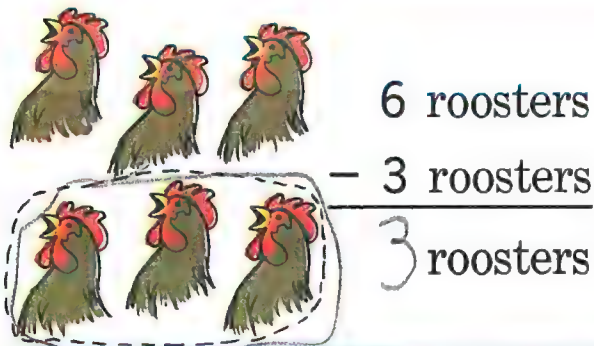
Talk about subtracting 6 - 3.

Trace the dotted lines. Write the answers.



$$6 \text{ roosters} - 3 \text{ roosters} = \underline{3} \text{ roosters}$$

$$6 - 3 = \boxed{3}$$



Write the answers.

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

$$6 - 2 = \boxed{4}$$

$$6 - \boxed{2} = 4$$

$$\boxed{6} - 2 = 4$$

$$6 - 4 = \boxed{2}$$

$$6 - \boxed{4} = 2$$

$$\boxed{6} - 4 = 2$$

$$6 - 3 = \boxed{3}$$


$$6 - \boxed{3} = 3$$


$$\boxed{6} - 3 = 3$$


# Relating Subtraction to Addition

Talk about the number stories.

Write the answers.

	$\begin{array}{r} 5 \text{ stars} \\ + 1 \text{ star} \\ \hline 6 \text{ stars} \end{array}$	$\begin{array}{r} 6 \text{ stars} \\ - 1 \text{ star} \\ \hline 5 \text{ stars} \end{array}$	$\begin{array}{r} 1 \text{ star} \\ + 5 \text{ stars} \\ \hline 6 \text{ stars} \end{array}$	$\begin{array}{r} 6 \text{ stars} \\ - 5 \text{ stars} \\ \hline 1 \text{ star} \end{array}$
		$5 + 1 = \boxed{6}$	$1 + 5 = \boxed{6}$	
		$6 - 1 = \boxed{5}$	$6 - 5 = \boxed{1}$	

	$\begin{array}{r} 4 \text{ birds} \\ + 2 \text{ birds} \\ \hline 6 \text{ birds} \end{array}$	$\begin{array}{r} 6 \text{ birds} \\ - 2 \text{ birds} \\ \hline 4 \text{ birds} \end{array}$	$\begin{array}{r} 2 \text{ birds} \\ + 4 \text{ birds} \\ \hline 6 \text{ birds} \end{array}$	$\begin{array}{r} 6 \text{ birds} \\ - 4 \text{ birds} \\ \hline 2 \text{ birds} \end{array}$
		$4 + 2 = \boxed{6}$	$2 + 4 = \boxed{6}$	
		$6 - 2 = \boxed{4}$	$6 - 4 = \boxed{2}$	

	$\begin{array}{r} 3 \text{ apples} \\ + 3 \text{ apples} \\ \hline 6 \text{ apples} \end{array}$	$\begin{array}{r} 6 \text{ apples} \\ - 3 \text{ apples} \\ \hline 3 \text{ apples} \end{array}$	$3 + 3 = \boxed{6}$
			$6 - 3 = \boxed{3}$

$3 + 2 = \boxed{5}$	$4 + 2 = \boxed{6}$	$3 + 1 = \boxed{4}$
$5 - 2 = \boxed{3}$	$6 - 2 = \boxed{4}$	$4 - 1 = \boxed{3}$



# Review of Subtraction

Talk about the number stories.

Write the answers.



$$\begin{array}{r} 6 \text{ tomatoes} \\ - 5 \text{ tomatoes} \\ \hline 1 \text{ tomato} \end{array}$$

$$\begin{array}{r} 6 \text{ tomatoes} \\ - 4 \text{ tomatoes} \\ \hline 2 \text{ tomatoes} \end{array}$$

$$\begin{array}{r} 6 \text{ tomatoes} \\ - 3 \text{ tomatoes} \\ \hline 3 \text{ tomatoes} \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

Write the answers.

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

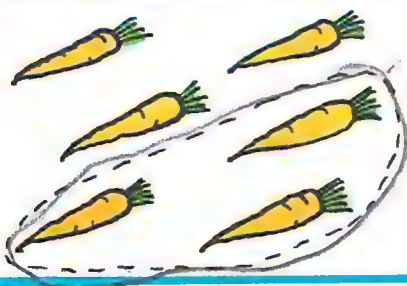
$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$$



Sue had 6 carrots.

She gave 3 carrots to Bob.

She had 3 carrots left.

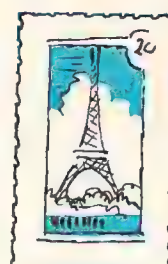
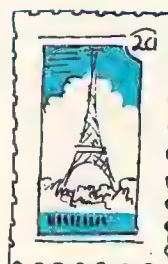
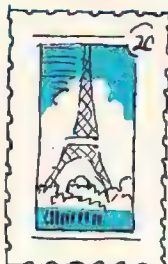
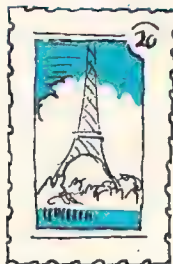
$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

100

## Review of Addition and Subtraction

ou can do this page by yourself.

Read each number story. Then write the answer.



$$\begin{array}{r} 4 \text{ stamps} \\ + 2 \text{ stamps} \\ \hline 6 \text{ stamps} \end{array}$$

$$\begin{array}{r} 6 \text{ stamps} \\ - 2 \text{ stamps} \\ \hline 4 \text{ stamps} \end{array}$$

$$\begin{array}{r} 6 \text{ stamps} \\ - 3 \text{ stamps} \\ \hline 3 \text{ stamps} \end{array}$$

Write the answers.

$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$
$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$	$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$

$$4 + \boxed{2} = 6$$

$$\boxed{3} + 2 = 5$$

$$5 - 2 = \boxed{3}$$

$$\boxed{6} - 4 = 2$$

$$6 - \boxed{2} = 4$$

$$2 + 4 = \boxed{6}$$

$$5 - \boxed{3} = 2$$

$$6 - 3 = \boxed{3}$$

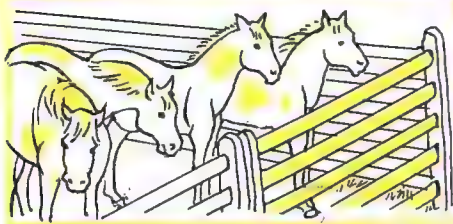
$$\boxed{5} - 1 = 4$$



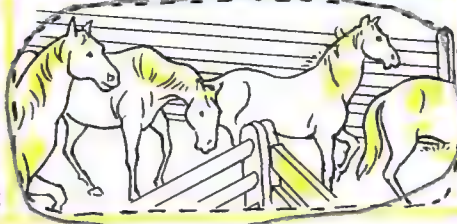
# Subtraction Facts 4 - 4, 5 - 5, 6 - 6

Talk about subtraction when not any are left.

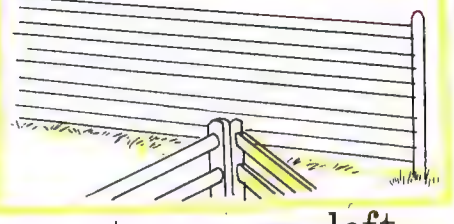
Trace the dotted lines. Write the answers.



4 ponies



4 ponies go away



not any are left

$$4 - 4 = \boxed{0}$$



5 ducks

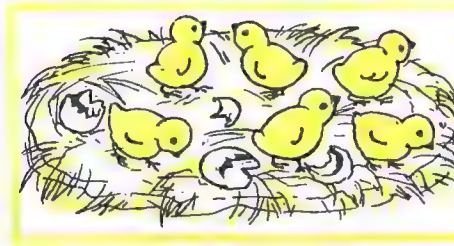


5 ducks fly away



not any are left

$$5 - 5 = \boxed{0}$$



6 chicks



6 chicks go away



not any are left

$$6 - 6 = \boxed{0}$$

$$\begin{array}{r} 4 \\ - 4 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 6 \\ \hline 0 \end{array}$$

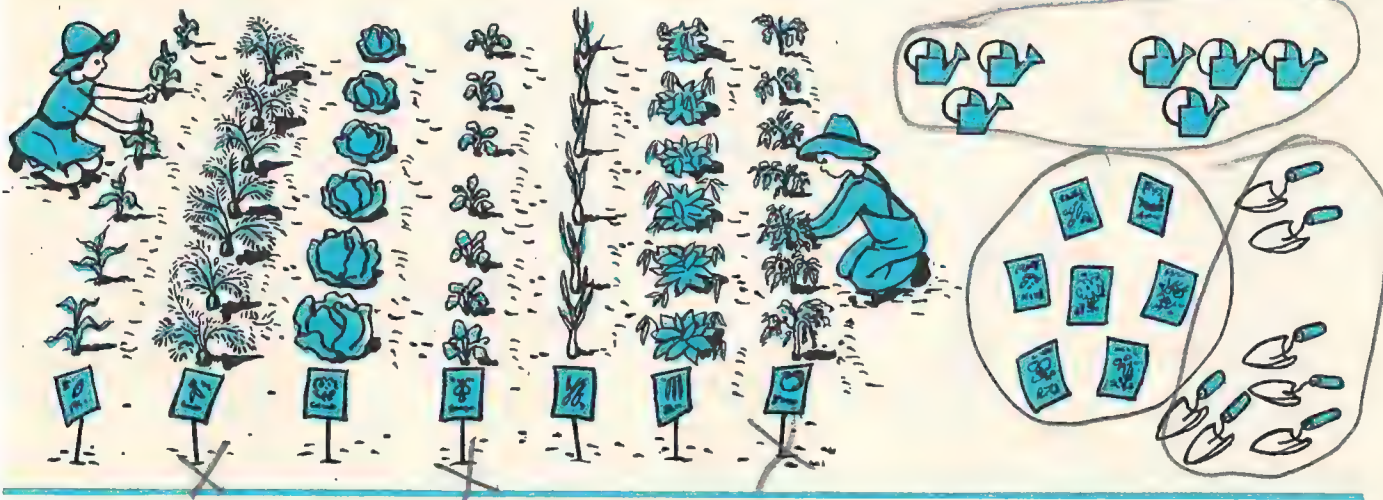
$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

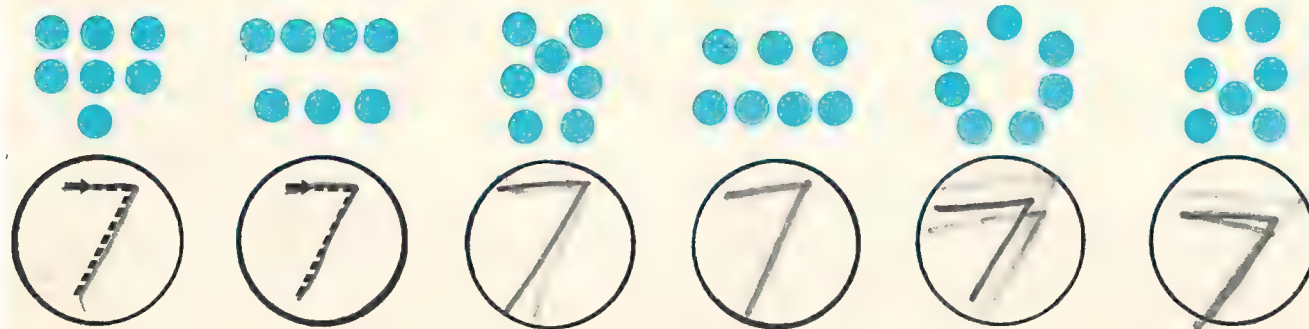
Trace the numerals. Tell the number story.



Tell the class what you have found.



Write the numeral 7 in each circle.





## Meaning of 8

Use the pictures to tell a story about 8.

Trace the numerals. Tell the number story.



and

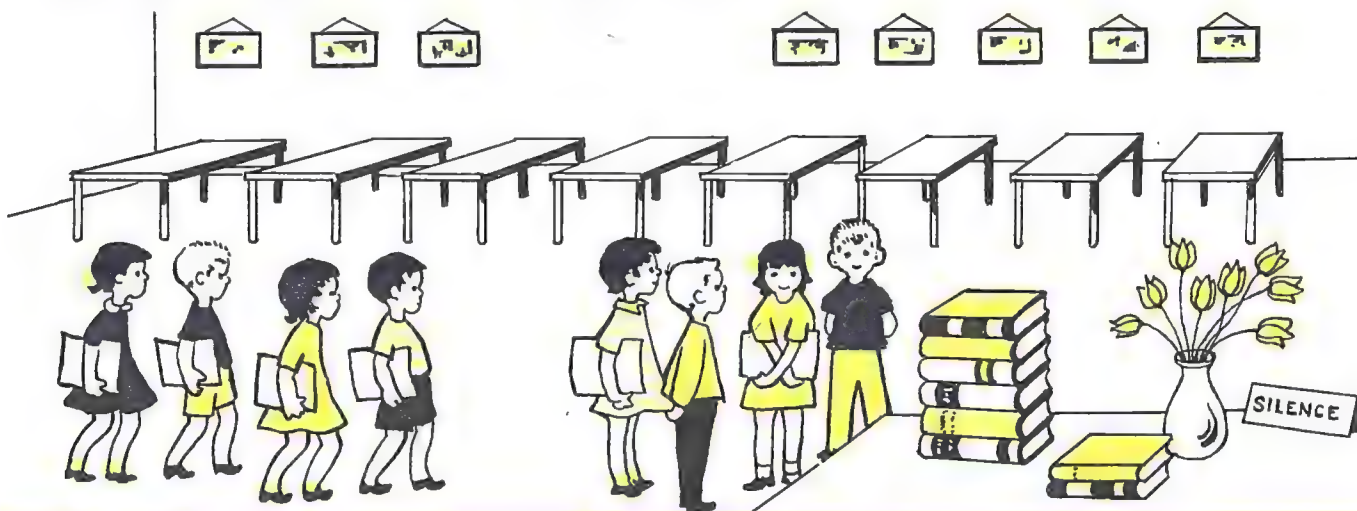


are

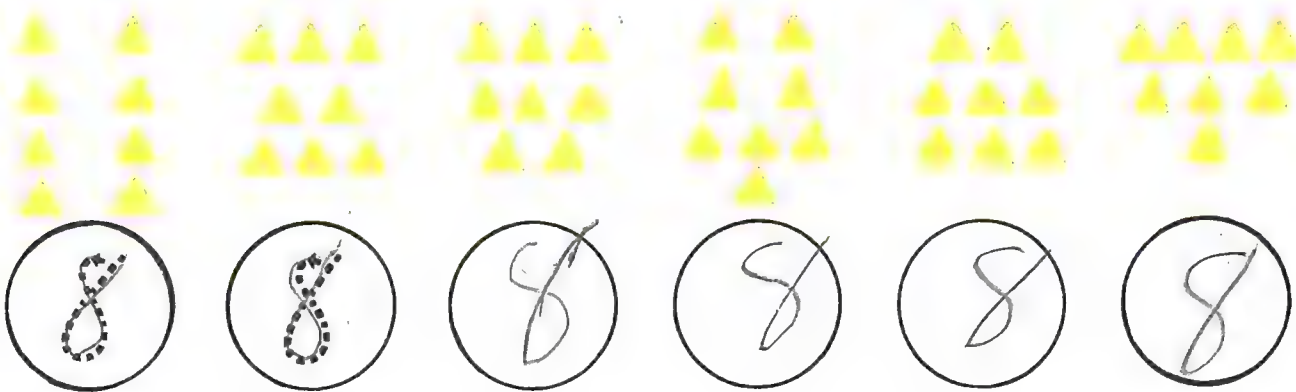


Find groups of 8 in the picture below.

Tell the class what you have found.



Write the numeral 8 in each circle.



Use the pictures to tell a story about 9.

Trace the numerals. Tell the number story.

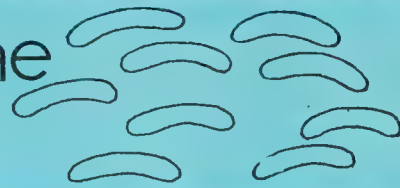


eight



one

nine



and

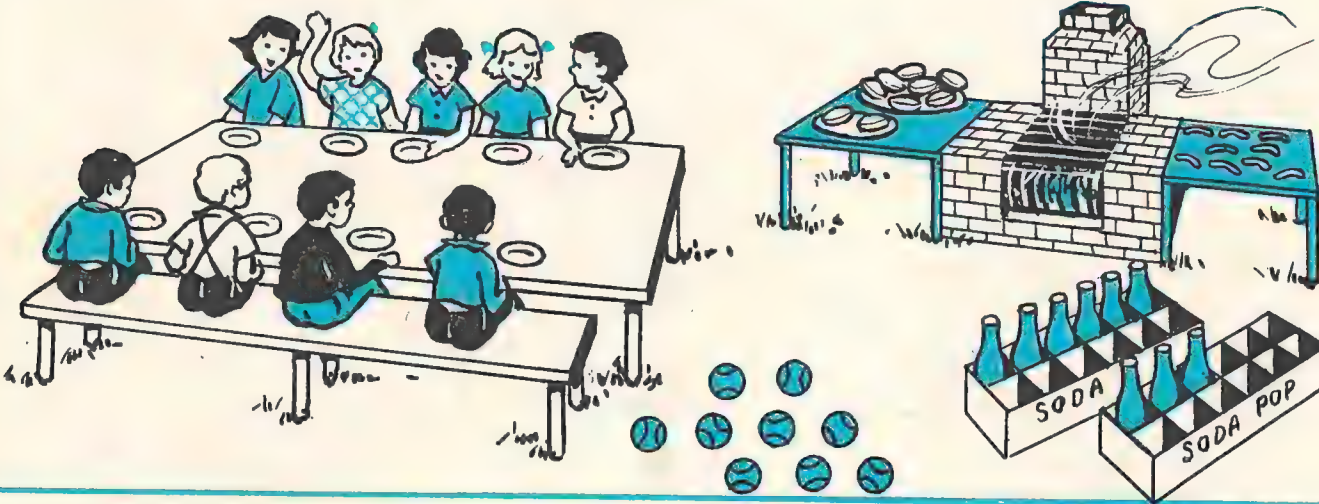


are

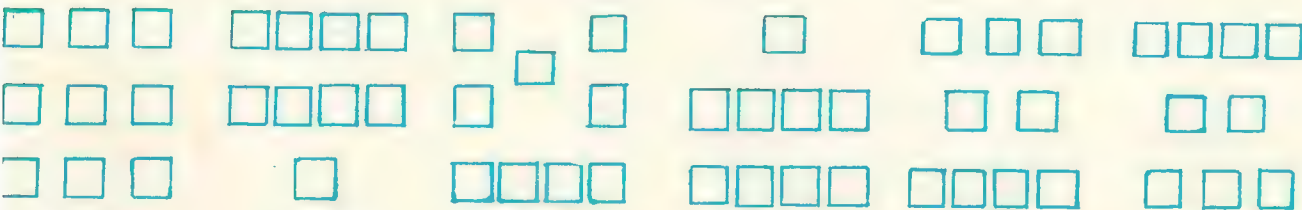


Find groups of 9 in the picture below.

Tell the class what you have found.



Write the numeral 9 in each circle.



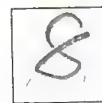
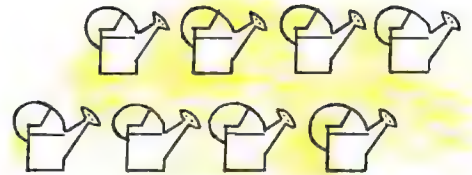
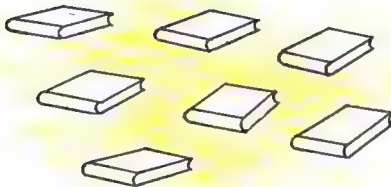
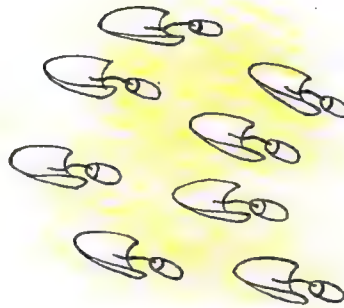
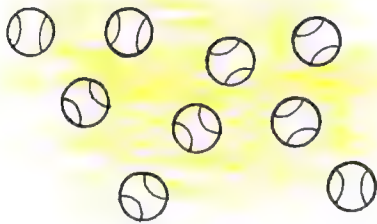


# Groups, or Sets, Which Equal 7, 8, or 9

Trace the numerals 7, 8, and 9.

Count the things in each group.

Write the numeral that tells how many in each group.

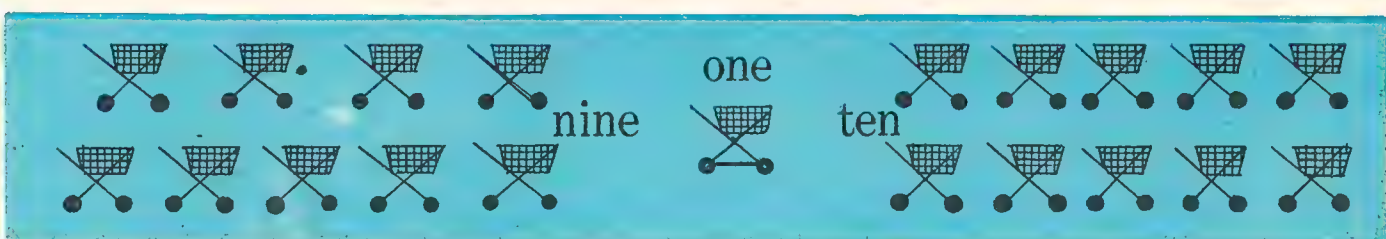


100

# Meaning of 10

Use the pictures to tell a story about 10.

Trace the numerals. Tell the number story.



9

and

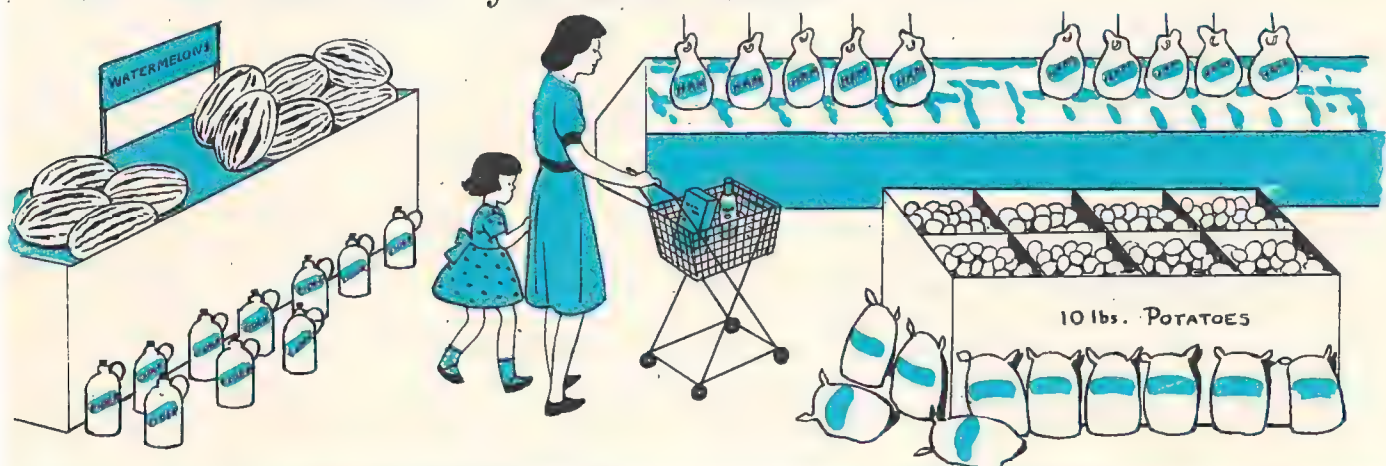
1

are

10

Find groups of 10 in the picture below.

Tell the class what you have found.



Talk about this story about 10.



$$1+1+1+1+1+1+1+1+1+1 = \text{ten ones}$$

$$\text{ten ones} = 1 \text{ ten}$$

$$\text{ten} = 1 \text{ ten and no ones}$$

tens	ones
1	0



# Meaning of 10, 11, 12, 13

Talk about the pictures and the numeral in each row.

Trace the numeral. Then write it in each blank.



$$1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 = \text{ten ones}$$

$$\text{ten ones} = 1 \text{ ten}$$

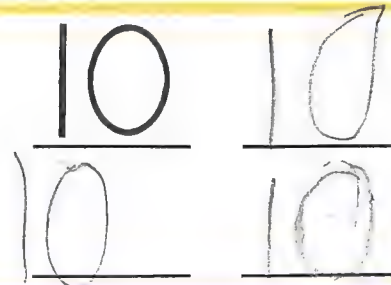
$$\text{ten} = 1 \text{ ten and no ones}$$

tens	ones
1	0



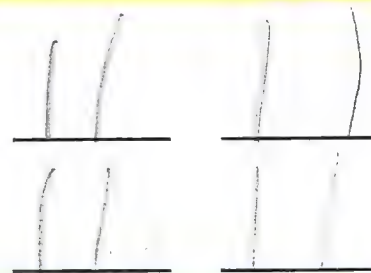
$$\text{ten} = 1 \text{ ten}$$

tens	ones
1	0



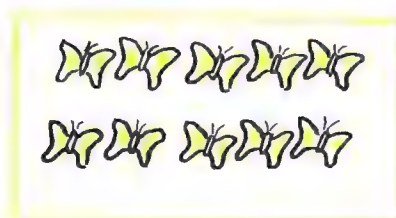
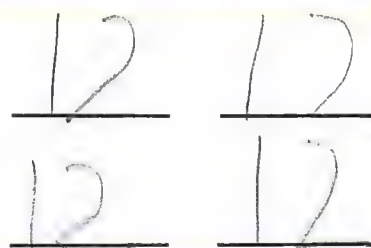
$$\text{eleven} = 1 \text{ ten and 1 one}$$

tens	ones
1	1



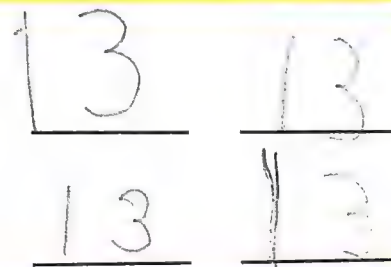
$$\text{twelve} = 1 \text{ ten and 2 ones}$$

tens	ones
1	2



$$\text{thirteen} = 1 \text{ ten and 3 ones}$$

tens	ones
1	3



# Meaning of 14, 15, 16, 17

Talk about the pictures and the numeral in each row.

Trace the numeral. Then write it in each blank.



tens	ones
1	0

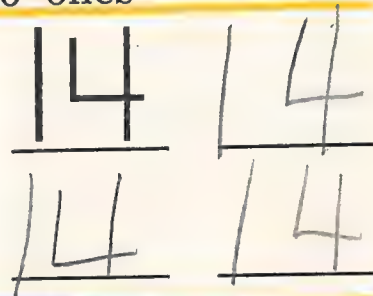
$$1+1+1+1+1+1+1+1+1+1 = \text{ten ones}$$

$$\text{ten ones} = 1 \text{ ten}$$

$$\text{ten} = 1 \text{ ten and no ones}$$



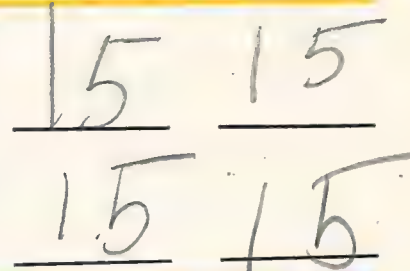
tens	ones
1	4



$$\text{fourteen} = 1 \text{ ten and } 4 \text{ ones}$$



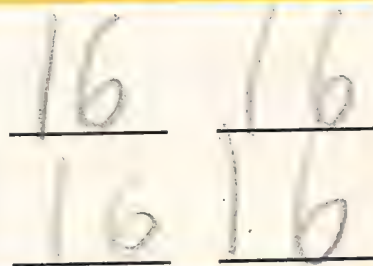
tens	ones
1	5



$$\text{fifteen} = 1 \text{ ten and } 5 \text{ ones}$$



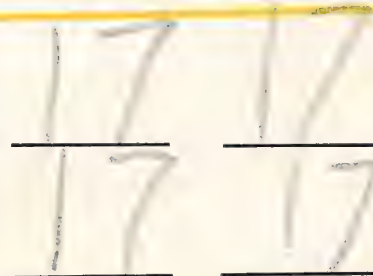
tens	ones
1	6



$$\text{sixteen} = 1 \text{ ten and } 6 \text{ ones}$$



tens	ones
1	7



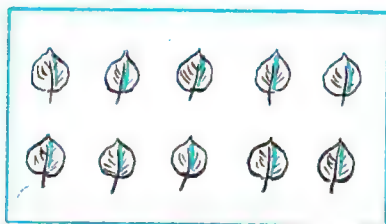
$$\text{seventeen} = 1 \text{ ten and } 7 \text{ ones}$$



## Meaning of 18, 19, 20

Talk about the pictures and the numeral in each row.

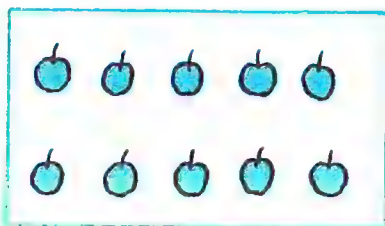
Trace the numeral. Then write it in the blanks.



tens	ones
1	8

18 18  
18 18

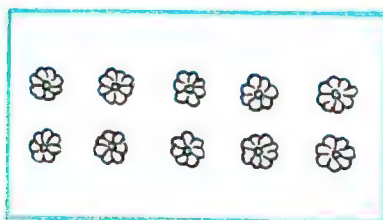
eighteen = 1 ten and 8 ones



tens	ones
1	9

19 19  
19 9

nineteen = 1 ten and 9 ones



tens	ones
2	0

20 20  
20 20

twenty = 2 tens

Write the missing numerals.

	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29

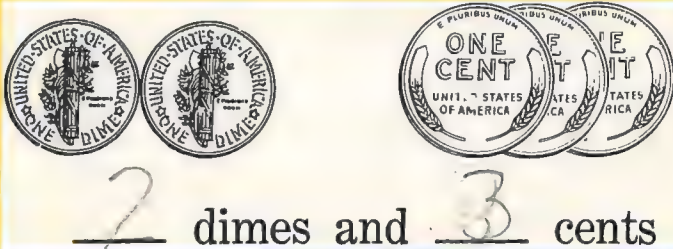
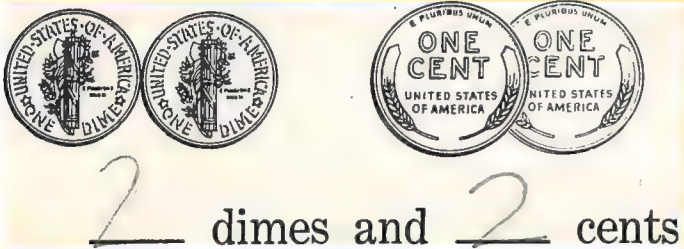
1 Dime — 10 cents

Tell the story about the money in each box.

Write the numeral in each blank.



1 dime = 10 cents





# Using Money

Your teacher will show you what to do.



14

cents

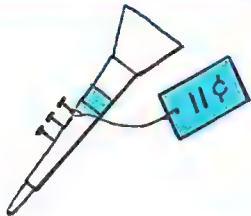


1

dime and

4

cents



11

cents

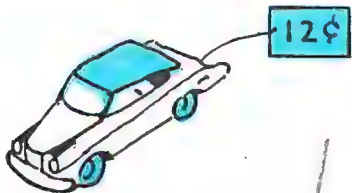


1

dime and

1

cent



12

cents



1

dime and

2

cents



13

cents



1

dime and

3

cents

# Meaning of 30, 40, 50, 60

Talk about the dot pictures and the number in each row.

Write the numerals you use in counting to it by 10's.

○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten

tens	ones
3	0

10 20 30

thirty = 3 tens

○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten

tens	ones
4	0

10 20 30 40

forty = 4 tens

○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten

tens	ones
5	0

10 20 30 40 50

fifty = 5 tens

○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten  
○○○○○ ○○○○○ = ten

tens	ones
6	0

10 20 30  
40 50 60

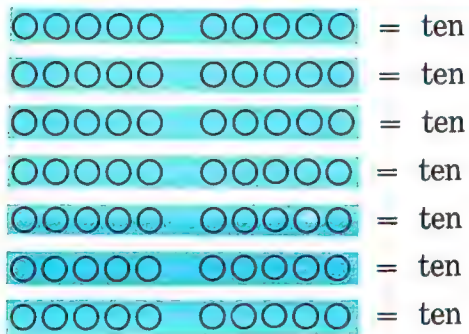
sixty = 6 tens



## Meaning of 70, 80, 90

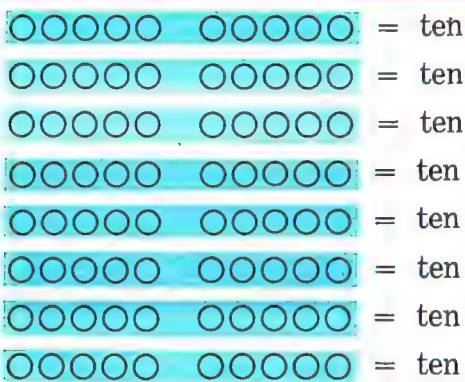
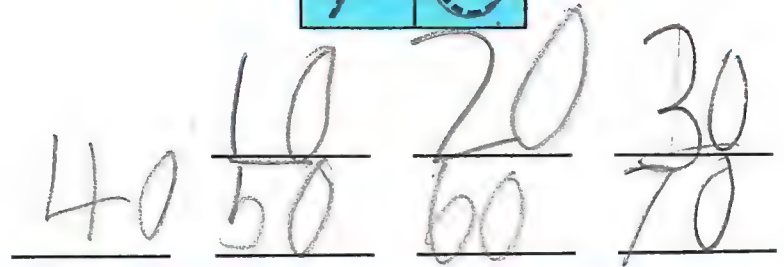
Talk about the dot pictures and the number in each row.

Write the numerals you use in counting to it by 10's.



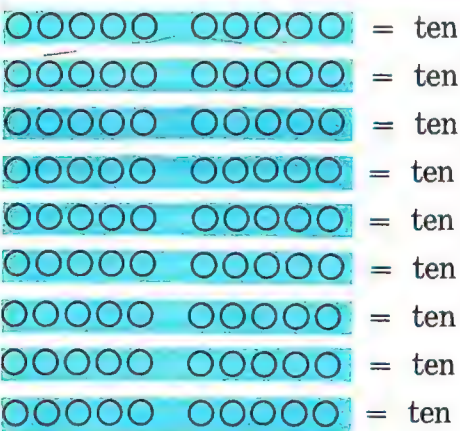
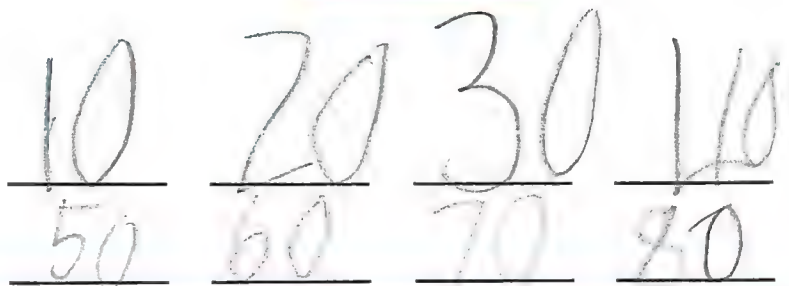
seventy = 7 tens

tens	ones
7	0



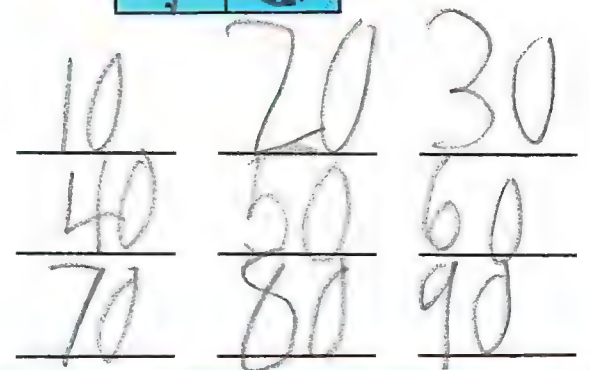
eighty = 8 tens

tens	ones
8	0



ninety = 9 tens

tens	ones
9	0



# 100 Writing Numerals 1 to 100

Write the missing numerals.

	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99
00	-----								



## Counting by 2's

100

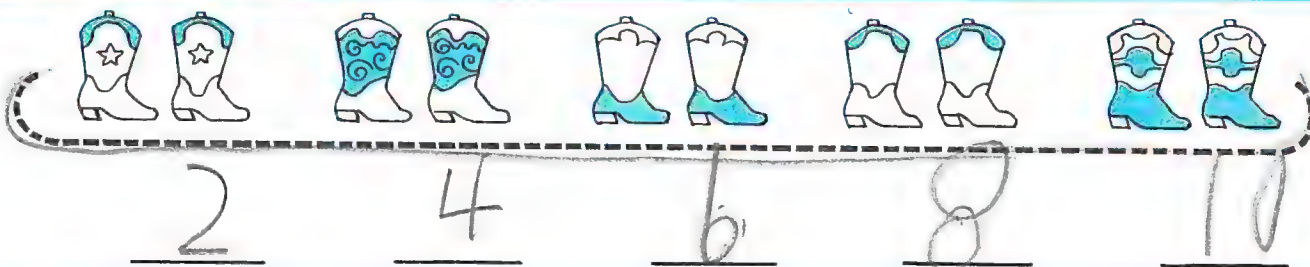
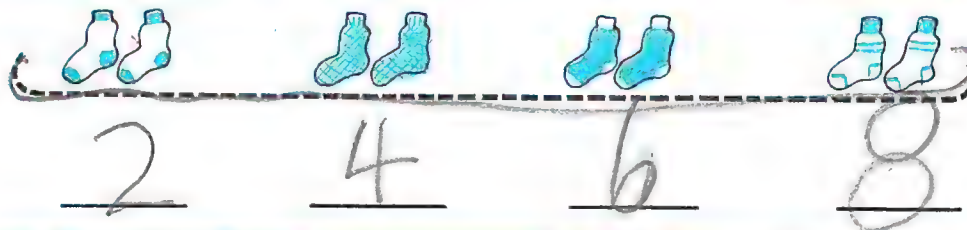
Count from 1 to 10. Count by 2's to 10.

Trace the dotted-line numerals.



Count by 2's in each row.

Write the numeral below each picture.



100

# Making a Calendar

Make a calendar for this month.

The Month of April, 1964

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Show that you know about pints and quarts.



2 pints = 1 quart



1 quart = 2 pints



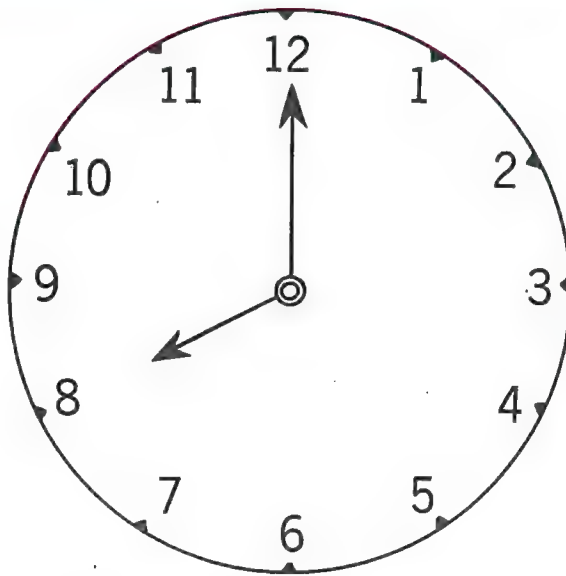
## Telling Time

Learn to tell time.

Write the hour for each clock story.



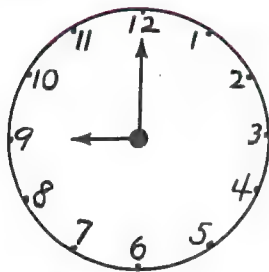
morning



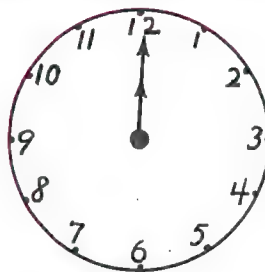
9 o'clock

8 o'clock

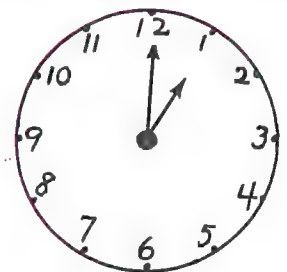
night



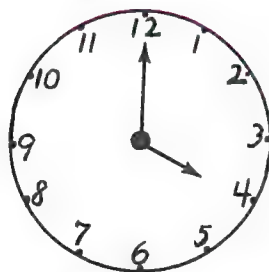
9 o'clock



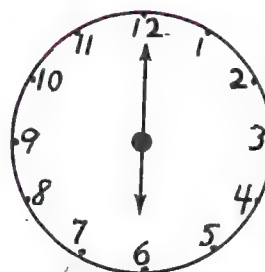
12 o'clock



1 o'clock



4 o'clock



6 o'clock



7 o'clock

# Review of Subtraction

Read each story problem.

Write the answers.



Five girls were playing.

5

One girl went home.

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

4 girls were left.



Bob saved 6 cents.

6

He spent 5 cents.

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

He had 1 cent left.

Write the answers.

$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$	$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ - 4 \\ \hline 0 \end{array}$
$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$	$\begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 3 \\ - 3 \\ \hline 0 \end{array}$	$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$



## Problems

Read each story problem.

Write the answers.



Sue had 6 dolls.

6

She gave 4 dolls away.

- 4



She had 2 dolls left.

2



Mary has 3 kittens.

3

Jane has 2 kittens.

+ 2



The girls have 5 kittens.

5



Jack had 5 dog biscuits.

5

He gave 3 dog biscuits to Rover.

- 3

He had 2 dog biscuits left.

2



Bill has 5 turtles.

5

Don has 1 turtle.

+ 1



The boys have 6 turtles.

6



Read each story problem.

Write the answers.



Betty has 3 books.

3

Jane has 3 books.

+ 3



The girls have 6 books.

6



Four boys are playing ball.

4

Two girls are jumping rope.

+ 2

6 children are playing.

6

Write the answers.

1      3      1      2      2      3      1

+ 3      + 2      + 4      + 2      + 1      + 3      + 5

4      5      5      4      3      6      6

1      2      5      1      4      2      3

+ 2      + 4      + 1      + 1      + 1      + 3      + 1

3      6      6      2      5      5      4



## Addition Facts for 7

Talk about addition.

The pictures will help you find the answers.

Write the answers.



6 feathers + 1 feather = 7 feathers

1 feather + 6 feathers = 7 feathers

$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline 7 \end{array}$$

$$6 + 1 = \boxed{7}$$

$$6 + \boxed{1} = 7$$

$$\boxed{6} + 1 = 7$$

$$1 + 6 = \boxed{7}$$

$$1 + \boxed{6} = 7$$

$$\boxed{1} + 6 = 7$$



5 pictures + 2 pictures = 7 pictures

2 pictures + 5 pictures = 7 pictures

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

$$5 + 2 = \boxed{7}$$

$$5 + \boxed{2} = 7$$

$$\boxed{5} + 2 = 7$$

$$2 + 5 = \boxed{7}$$

$$2 + \boxed{5} = 7$$

$$\boxed{2} + 5 = 7$$



4 clocks + 3 clocks = 7 clocks

3 clocks + 4 clocks = 7 clocks

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$

$$4 + 3 = \boxed{7}$$

$$4 + \boxed{3} = 7$$

$$\boxed{4} + 3 = 7$$

$$3 + 4 = \boxed{7}$$

$$3 + \boxed{4} = 7$$

$$\boxed{3} + 4 = 7$$

# Review of Addition

Take turns telling the answers.

Then write the answers by yourself.

6	1	5	2	4	3	6	1
+ 1	+ 6	+ 2	+ 5	+ 3	+ 4	+ 1	+ 6
<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>
5	2	4	3	5	2	4	3
+ 2	+ 5	+ 3	+ 4	+ 2	+ 5	+ 3	+ 4
<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>
5	1	4	2	3	5	1	3
+ 1	+ 6	+ 2	+ 3	+ 3	+ 2	+ 4	+ 2
<u>6</u>	<u>7</u>	<u>6</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>5</u>	<u>5</u>

6 + 1 = <span style="border: 1px solid black; padding: 2px;">7</span>	1 + <span style="border: 1px solid black; padding: 2px;">6</span> = 7	<del>4</del> + 2 = 6
5 + 2 = <span style="border: 1px solid black; padding: 2px;">7</span>	2 + <span style="border: 1px solid black; padding: 2px;">5</span> = 7	<span style="border: 1px solid black; padding: 2px;">5</span> + 1 = 6
4 + 3 = <span style="border: 1px solid black; padding: 2px;">7</span>	3 + <span style="border: 1px solid black; padding: 2px;">4</span> = 7	<span style="border: 1px solid black; padding: 2px;">3</span> + 3 = 6

Read the story problem. Write the answer.



Sue has 4 records.

Ann has 3 records.

The girls have 7 records.

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$



## Addition Facts for 8

Talk about addition.

The pictures will help you find the answers.

Write the answers.



$$7 \text{ combs} + 1 \text{ comb} = \underline{8} \text{ combs}$$

$$1 \text{ comb} + 7 \text{ combs} = \underline{8} \text{ combs}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$$

$$7 + 1 = \boxed{8}$$

$$7 + \boxed{1} = 8$$

$$\boxed{7} + 1 = 8$$

$$1 + 7 = \boxed{8}$$

$$1 + \boxed{7} = 8$$

$$\boxed{1} + 7 = 8$$



$$6 \text{ brushes} + 2 \text{ brushes} = \underline{8} \text{ brushes}$$

$$2 \text{ brushes} + 6 \text{ brushes} = \underline{8} \text{ brushes}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$$

$$6 + 2 = \boxed{8}$$

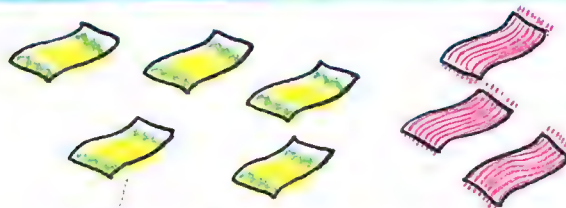
$$6 + \boxed{2} = 8$$

$$\boxed{6} + 2 = 8$$

$$2 + 6 = \boxed{8}$$

$$2 + \boxed{6} = 8$$

$$\boxed{2} + 6 = 8$$



$$5 \text{ towels} + 3 \text{ towels} = \underline{8} \text{ towels}$$

$$3 \text{ towels} + 5 \text{ towels} = \underline{8} \text{ towels}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$5 + 3 = \boxed{8}$$

$$5 + \boxed{3} = 8$$

$$\boxed{5} + 3 = 8$$

$$3 + 5 = \boxed{8}$$

$$3 + \boxed{5} = 8$$

$$\boxed{3} + 5 = 8$$

# Addition Fact 4 + 4

OK

Talk about addition.

The pictures will help you find the answer.

Write the answer.



$$4 \text{ squares} + 4 \text{ squares} = \underline{8} \text{ squares}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$
$$4 + 4 = \boxed{8}$$
$$4 + \boxed{4} = 8$$
$$\boxed{4} + 4 = 8$$

Write the answers.

$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$
$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$
$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline 7 \end{array}$



## Review of Addition

Take turns telling the answers. Then write the answers.

7 + 1 8 6	5 + 3 8 2	4 + 4 8 4	2 + 6 8 3	5 + 2 7 1	3 + 5 8 1	6 + 1 7 4	3 + 4 7 3
4 + 2 6 4	2 + 5 7 2	3 + 3 6 3	3 + 5 8 3	3 + 7 10 3	1 + 6 7 1	2 + 2 4 2	1 + 3 4 1
5 + 1 6 5	6 + 4 10 6	5 + 2 7 5	6 + 3 9 6	4 + 1 5 4	6 + 5 11 6	4 + 2 6 4	2 + 1 3 2

$$7 + 1 = \boxed{8}$$

$$\boxed{5} + 2 = 7$$

$$1 + \boxed{7} = 8$$

$$6 + 2 = \boxed{8}$$

$$\boxed{3} + 3 = 6$$

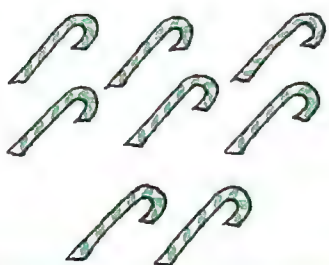
$$2 + \boxed{6} = 8$$

$$4 + 3 = \boxed{7}$$

$$\boxed{4} + 4 = 8$$

$$3 + \boxed{4} = 7$$

Read the story problem. Write the answer.



Ann has 6 candy canes.

6

Beth has 2 candy canes.

$$+ 2$$

The girls have 8 candy canes in all.

$$8$$

Read each story problem.

The pictures will help you find the answer.

Write the number story. Write the answer.



Jane had 7 pennies.

7



Her father gave her 1 more penny.

+1

She then had 8 pennies.

8



Sue had 6 cents.

6

She spent 5 cents for candy.

-5

She then had 1 cent left.

1



Dan had 4 marbles.

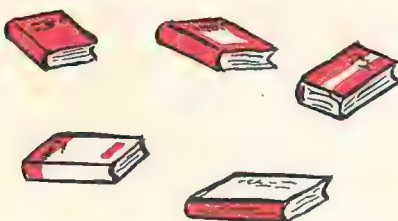
4

He won 4 marbles.

+4

He then had 8 marbles.

8



Joe had 5 books at home.

5

He took 4 books to school.

-4

He left 1 book at home.

1

Your teacher will help you with this exercise.

2	5	3	1	4	4	1	4
2	2	4	5	1	1	3	2
+ 2	+ 1	+ 1	+ 1	+ 2	+ 1	+ 4	+ 2
6	8	8	7	7	6	8	8

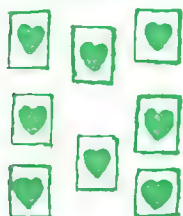


## Addition Facts for 9

Talk about addition.

The pictures will help you find the answers.

Write the answers.



$$8 \text{ valentines} + 1 \text{ valentine} = \underline{9} \text{ valentines}$$

$$1 \text{ valentine} + 8 \text{ valentines} = \underline{9} \text{ valentines}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$$

$$8 + 1 = \boxed{9}$$

$$8 + \boxed{1} = 9$$

$$\boxed{8} + 1 = 9$$

$$1 + 8 = \boxed{9}$$

$$1 + \boxed{8} = 9$$

$$\boxed{1} + 8 = 9$$



$$7 \text{ envelopes} + 2 \text{ envelopes} = \underline{9} \text{ envelopes}$$



$$2 \text{ envelopes} + 7 \text{ envelopes} = \underline{9} \text{ envelopes}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$$

$$7 + 2 = \boxed{9}$$

$$7 + \boxed{2} = 9$$

$$\boxed{7} + 2 = 9$$

$$2 + 7 = \boxed{9}$$

$$2 + \boxed{7} = 9$$

$$\boxed{2} + 7 = 9$$



$$6 \text{ stamps} + 3 \text{ stamps} = \underline{9} \text{ stamps}$$

$$3 \text{ stamps} + 6 \text{ stamps} = \underline{9} \text{ stamps}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array}$$

$$6 + 3 = \boxed{9}$$

$$6 + \boxed{3} = 9$$

$$\boxed{6} + 3 = 9$$

$$3 + 6 = \boxed{9}$$

$$3 + \boxed{6} = 9$$

$$\boxed{3} + 6 = 9$$

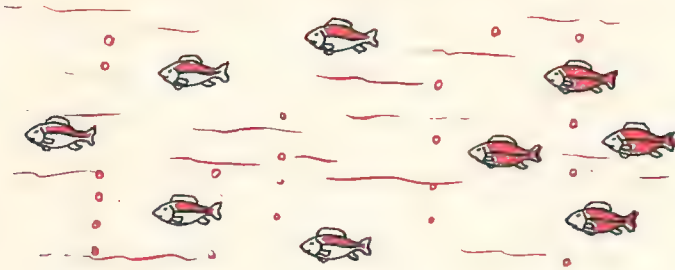


## Addition Facts 5 + 4, 4 + 5

Talk about addition.

The pictures will help you find the answers.

Write the answers.



$$5 \text{ fish} + 4 \text{ fish} = \underline{9} \text{ fish}$$

$$4 \text{ fish} + 5 \text{ fish} = \underline{9} \text{ fish}$$

$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$	$5 + 4 = \boxed{9}$	$5 + \boxed{4} = 9$	$\boxed{5} + 4 = 9$
		$4 + 5 = \boxed{9}$	$4 + \boxed{5} = 9$	$\boxed{4} + 5 = 9$

Write the answers.

$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array}$	$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$
$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$
$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$



## Review of Addition

Take turns telling the answers.

Then write the answers by yourself.

8	7	7	6	5	3	1	4
$\begin{array}{r} + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} + 2 \\ \hline 9 \end{array}$	$\begin{array}{r} + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} + 3 \\ \hline 8 \end{array}$	$\begin{array}{r} + 6 \\ \hline 9 \end{array}$	$\begin{array}{r} + 7 \\ \hline 8 \end{array}$	$\begin{array}{r} + 5 \\ \hline 9 \end{array}$
5	2	6	3	4	2	3	1
$\begin{array}{r} + 4 \\ \hline 9 \end{array}$	$\begin{array}{r} + 6 \\ \hline 8 \end{array}$	$\begin{array}{r} + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} + 4 \\ \hline 8 \end{array}$	$\begin{array}{r} + 7 \\ \hline 9 \end{array}$	$\begin{array}{r} + 3 \\ \hline 6 \end{array}$	$\begin{array}{r} + 8 \\ \hline 9 \end{array}$
6	3	3	2	4	2	7	1
$\begin{array}{r} + 1 \\ \hline 7 \end{array}$	$\begin{array}{r} + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} + 1 \\ \hline 4 \end{array}$	$\begin{array}{r} + 5 \\ \hline 7 \end{array}$	$\begin{array}{r} + 3 \\ \hline 7 \end{array}$	$\begin{array}{r} + 6 \\ \hline 8 \end{array}$	$\begin{array}{r} + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} + 7 \\ \hline 8 \end{array}$
$8 + 1 = \boxed{9}$			$6 + \boxed{3} = 9$			$\boxed{1} + 8 = 9$	
$5 + 3 = \boxed{8}$			$4 + \boxed{4} = 8$			$\boxed{3} + 5 = 8$	
$7 + 2 = \boxed{9}$			$7 + \boxed{1} = 9$			$\boxed{2} + 7 = 9$	

Read the story problem. Write the answer.



Jane had 8 crayons.

Her sister gave her 1 crayon.

Jane then had 9 crayons.

$$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$$

~~OK~~

Read each story problem.

The pictures will help you find the answer.

Write the number story. Write the answer.



John caught 4 fish.



Joe caught 2 fish.



Don caught 2 fish.

The boys caught 8 fish in all.

$$\begin{array}{r} 4 \\ + 2 \\ \hline 8 \end{array}$$



Mary baked 6 cupcakes.

Ann baked 3 cupcakes.

The girls baked 9 cupcakes.

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$



Sue had 5 sticks of candy.

She gave 3 sticks to her playmates.

She had 2 sticks of candy left.

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

Write the answers.

3      4      5      6      3      2      7      6

1      2      1      1      3      2      1      2

+ 4      + 2      + 2      + 2      + 3      + 2      + 1      + 1

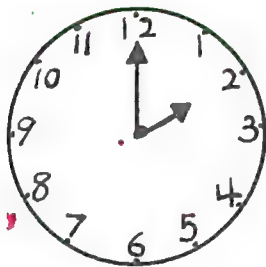
$$\begin{array}{r} 3 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline 9 \end{array}$$

~~8~~      ~~8~~      ~~8~~      ~~9~~      ~~9~~      ~~6~~      ~~9~~      ~~9~~

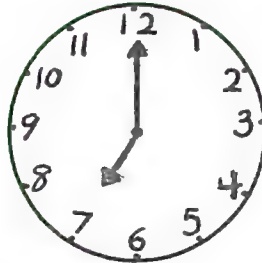


# More about Telling Time

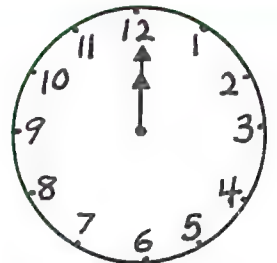
Your teacher will tell you what to do.



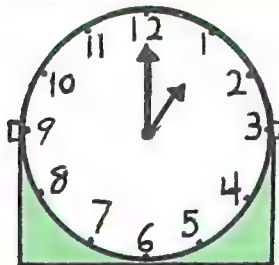
2 o'clock



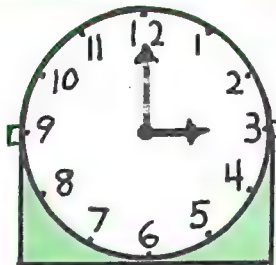
7 o'clock



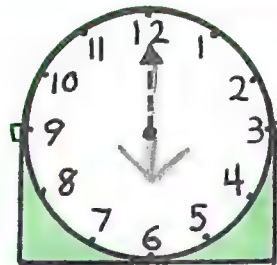
12 o'clock



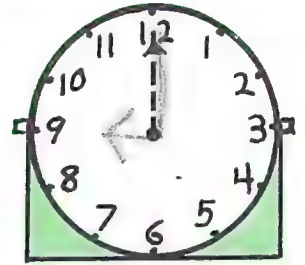
1 o'clock



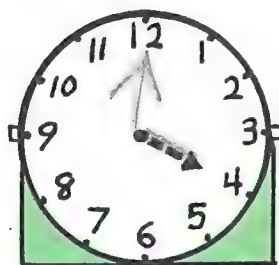
3 o'clock



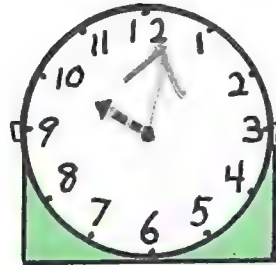
6 o'clock



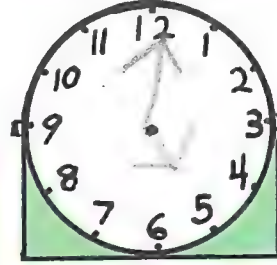
9 o'clock



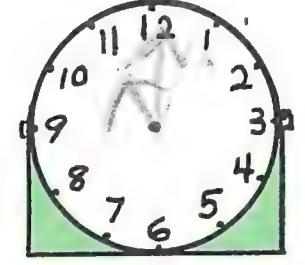
4 o'clock



10 o'clock



5 o'clock



11 o'clock

# Subtraction Facts for 7

Talk about subtraction.

The pictures will help you find the answers.

Write the answers.

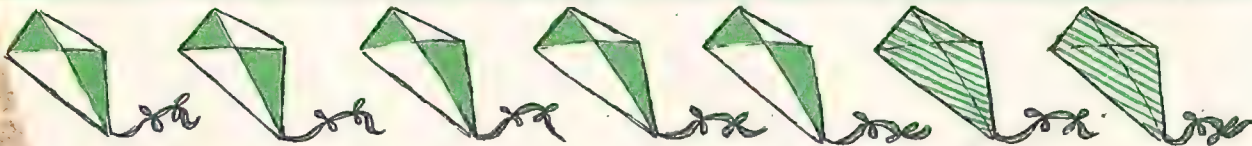


$$7 \text{ balls} - 1 \text{ ball} = \underline{6} \text{ balls}$$

$$7 - 1 = \boxed{6}$$

$$7 \text{ balls} - 6 \text{ balls} = \underline{1} \text{ ball}$$

$$7 - 6 = \boxed{1}$$



$$7 \text{ kites} - 2 \text{ kites} = \underline{5} \text{ kites}$$

$$7 - 2 = \boxed{5}$$

$$7 \text{ kites} - 5 \text{ kites} = \underline{2} \text{ kites}$$

$$7 - 5 = \boxed{2}$$



$$7 \text{ bells} - 3 \text{ bells} = \underline{4} \text{ bells}$$

$$7 - 3 = \boxed{4}$$

$$7 \text{ bells} - 4 \text{ bells} = \underline{3} \text{ bells}$$

$$7 - 4 = \boxed{3}$$

7	7	7	7	7	7
- 1	- 6	- 2	- 5	- 3	- 4
6	1	5	2	4	3



## Relating Subtraction to Addition

Talk about addition and subtraction.

The pictures will help you find the answers.

Write the answers.



$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$$

Write the answers.

$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \\ 5 \end{array}$$

$$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \\ 6 \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline 7 \\ 1 \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline 1 \\ 6 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \\ 4 \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline 5 \\ 6 \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \\ 2 \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline 2 \\ 6 \end{array}$$

$$\begin{array}{r} + 1 \\ 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} - 1 \\ 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} + 5 \\ 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} - 5 \\ 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} + 2 \\ 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} - 2 \\ 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} + 4 \\ 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} - 4 \\ 2 \\ \hline 2 \end{array}$$

# Review of Subtraction

Take turns telling the answers.

Then write the answers by yourself.

7 - 1 6	7 - 6 1	7 - 2 5	7 - 5 2	7 - 3 4	7 - 4 3	7 - 1 6	7 - 6 1
7 - 5 2	7 - 3 4	7 - 1 6	7 - 6 1	7 - 2 5	7 - 4 3	7 - 6 1	7 - 4 3
6 - 1 5	6 - 4 2	5 - 1 4	5 - 2 3	4 - 2 2	7 - 4 3	4 - 1 3	3 - 3 0

7 - 6 = 1	7 - 6 = 1	7 - 6 = 1
7 - 1 = 6	7 - 1 = 6	7 - 1 = 6
7 - 2 = 5	7 - 2 = 5	7 - 3 = 4

Read the number story. Write the answer.



Betty had 7 paper plates.

7



She gave 5 of them to her friends.

- 5  
2



She had 2 paper plates left.



## Problems

Read each story problem.

The pictures will help you find the answer.

Write the number story. Write the answer.



Betty had 7 colored eggs.

She gave 5 colored eggs to her friends.

She had 2 colored eggs left.



Don caught 3 butterflies.

Bill caught 2 butterflies.



Sam caught 2 butterflies.



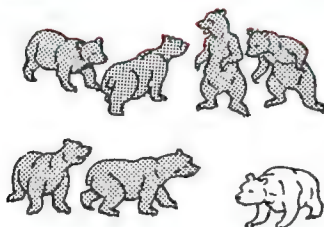
They caught 7 butterflies in all.



Mary had 4 red buttons.

Her sister gave her 4 black buttons.

She then had 8 buttons.



Bob saw 6 black bears and

1 white bear at the zoo.

He saw 7 bears at the zoo.

Write the answers.

$$7 + 1 = \boxed{8}$$

$$6 - 2 = \boxed{4}$$

$$3 + 2 = \boxed{5}$$

# 100 Subtraction Facts for 8

Talk about subtraction.

The pictures will help you find the answers.

Write the answers.



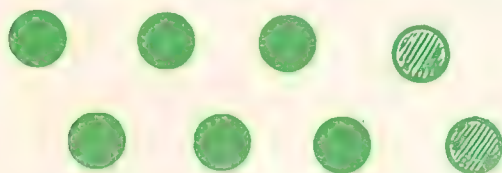
$$8 \text{ cones} - 1 \text{ cone} = \underline{7} \text{ cones}$$

$$8 \text{ cones} - 7 \text{ cones} = \underline{1} \text{ cone}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array} \quad 8 - 1 = \boxed{7}$$

$$8 - \boxed{1} = 7 \quad \boxed{8} - 1 = 7$$

$$8 - 7 = \boxed{1} \quad 8 - \boxed{7} = 1 \quad \boxed{8} - 7 = 1$$



$$8 \text{ circles} - 2 \text{ circles} = \underline{6} \text{ circles}$$

$$8 \text{ circles} - 6 \text{ circles} = \underline{2} \text{ circles}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array} \quad 8 - 2 = \boxed{6}$$

$$8 - \boxed{2} = 6 \quad \boxed{8} - 2 = 6$$

$$8 - 6 = \boxed{2} \quad 8 - \boxed{6} = 2 \quad \boxed{8} - 6 = 2$$



$$8 \text{ stars} - 3 \text{ stars} = \underline{5} \text{ stars}$$

$$8 \text{ stars} - 5 \text{ stars} = \underline{3} \text{ stars}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad 8 - 3 = \boxed{5}$$

$$8 - \boxed{3} = 5 \quad \boxed{8} - 3 = 5$$

$$8 - 5 = \boxed{3} \quad 8 - \boxed{5} = 3 \quad \boxed{8} - 5 = 3$$



## Subtraction Fact 8 - 4

Talk about subtraction.

The pictures will help you find the answers.

Write the answers.



8 cans - 4 cans = 4 cans

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$8 - 4 = \boxed{4}$$

$$8 - \boxed{4} = 4$$

$$\boxed{8} - 4 = 4$$

Write the answers.

$$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$7 - 2 = \boxed{5}$$

$$8 - 2 = \boxed{6}$$

$$6 - 5 = \boxed{1}$$

$$7 - 3 = \boxed{4}$$

$$8 - 5 = \boxed{3}$$

$$6 - 3 = \boxed{3}$$

$$7 - 4 = \boxed{3}$$

$$8 - 7 = \boxed{1}$$

$$6 - 2 = \boxed{4}$$

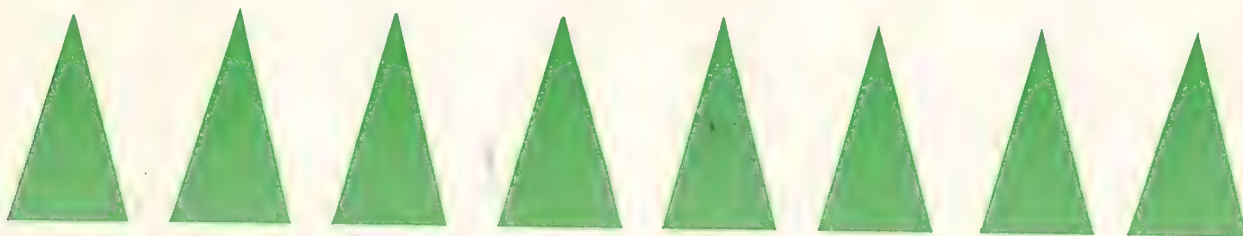


## Relating Subtraction to Addition

Talk about addition and subtraction.

The pictures will help you find the answers.

Write the answers.



$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$
$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$

Write the answers.

$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$
$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$



## Review of Addition and Subtraction

Take turns telling the answers.

Then write the answers by yourself.

$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$
7	7	7	<del>9</del>	5	1	5	4
$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$
6	3	9	7	7	7	4	2
$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$
8	5	8	3	7	1	5	2
$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$
6	8	6	8	9	9	9	9



Ruth had 8 colored leaves.

She gave 5 leaves to her sister.

She had 3 leaves left.

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

Read each story problem.

The pictures will help you find the answer.

Write the number story. Write the answer.



Sue had 5 cents.

Her sister gave her 3 cents.

She then had 8 cents.

$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$



John has 7 flags.

If he gives 5 flags to his friends,

he will have 2 flags left.

$$\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$$

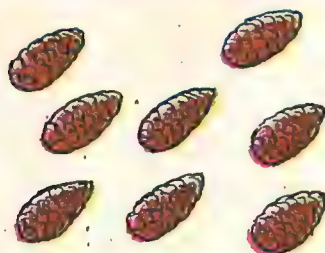


May has 6 club pins.

Ann has 2 club pins.

They have 8 club pins.

$$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$



Tom had 8 pine cones.

He lost 5 pine cones.

He then had 3 pine cones left.

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

Write the answers.

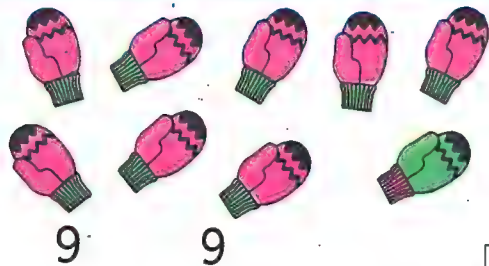
7	2	3	7	1	6	4	2
+ 1	+ 6	+ 4	+ 2	+ 7	+ 2	+ 3	+ 7
<u>8</u>	<u>8</u>	<u>7</u>	<u>9</u>	<u>8</u>	<u>8</u>	<u>7</u>	<u>9</u>

# Subtraction Facts for 9

Talk about subtraction.

The pictures will help you find the answers.

Write the answers.



$$9 \text{ mittens} - 1 \text{ mitten} = 8 \text{ mittens}$$



$$9 \text{ mittens} - 8 \text{ mittens} = 1 \text{ mitten}$$

$$\begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline 1 \end{array}$$

$$9 - 1 = 8$$

$$9 - 1 = 8$$

$$9 - 1 = 8$$

$$9 - 8 = 1$$

$$9 - 8 = 1$$

$$9 - 8 = 1$$



$$9 \text{ boots} - 2 \text{ boots} = 7 \text{ boots}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$$

$$9 - 2 = 7$$

$$9 - 2 = 7$$

$$9 - 2 = 7$$

$$9 - 7 = 2$$

$$9 - 7 = 2$$

$$9 - 7 = 2$$



$$9 \text{ hats} - 3 \text{ hats} = 6 \text{ hats}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$

$$9 - 3 = 6$$

$$9 - 3 = 6$$

$$9 - 3 = 6$$

$$9 - 6 = 3$$

$$9 - 6 = 3$$

$$9 - 6 = 3$$



100

# Subtraction Facts 9 - 4, 9 - 5

Talk about subtraction.

The pictures will help you find the answers.

Write the answers.



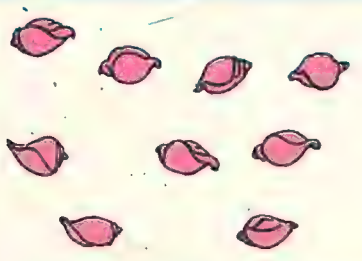
9 snails - 4 snails = 5 snails

9 snails - 5 snails = 4 snails

$\begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$	9 - 4 = <span style="border: 1px solid black; padding: 2px;">5</span>	9 - <span style="border: 1px solid black; padding: 2px;">4</span> = 5	<span style="border: 1px solid black; padding: 2px;">9</span> - 4 = 5
		9 - 5 = <span style="border: 1px solid black; padding: 2px;">4</span>	9 - <span style="border: 1px solid black; padding: 2px;">5</span> = 4	<span style="border: 1px solid black; padding: 2px;">9</span> - 5 = 4

Write the answers.

$\begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array}$
$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$



Joe has 9 shells.

He gave 5 of them to his friends.

He has 4 shells left.

9  
- 5  
—  
4

## Relating Subtraction to Addition

Talk about addition and subtraction.

The pictures will help you find the answers.

Write the answers.



8	9	1	9	7	9	2	9
$+ 1$	$- 1$	$+ 8$	$- 8$	$+ 2$	$- 2$	$+ 7$	$- 7$
<u>9</u>	<u>8</u>	<u>9</u>	<u>1</u>	<u>9</u>	<u>7</u>	<u>9</u>	<u>2</u>

6	9	3	9	5	9	4	9
$+ 3$	$- 3$	$+ 6$	$- 6$	$+ 4$	$- 4$	$+ 5$	$- 5$
<u>9</u>	<u>6</u>	<u>9</u>	<u>3</u>	<u>9</u>	<u>5</u>	<u>9</u>	<u>4</u>

Write the answers.

5	9	4	9	6	8	2	8
$+ 4$	$- 4$	$+ 5$	$- 5$	$+ 2$	$- 2$	$+ 6$	$- 6$
<u>9</u>	<u>5</u>	<u>9</u>	<u>4</u>	<u>8</u>	<u>6</u>	<u>8</u>	<u>2</u>

$$4 + 2 = \boxed{6}$$

$$9 - 1 = \boxed{8}$$

$$5 + 4 = \boxed{9}$$

$$6 - 2 = \boxed{4}$$

$$8 + 1 = \boxed{9}$$

$$9 - 4 = \boxed{5}$$

~~-3K~~

# Review of Addition and Subtraction

Take turns telling the answers.

Then write the answers by yourself.

$\begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$
$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$

$$7 - 6 = \boxed{1}$$

$$4 + 4 = \boxed{8}$$

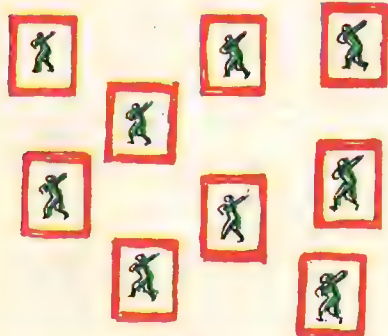
$$3 + 6 = \boxed{9}$$

$$5 + 4 = \boxed{9}$$

$$9 - 5 = \boxed{4}$$

$$9 - 8 = \boxed{1}$$

$\begin{array}{r} 2 \\ 1 \\ + 2 \\ \hline 5 \end{array}$	$\begin{array}{r} 2 \\ 3 \\ + 4 \\ \hline 9 \end{array}$	$\begin{array}{r} 6 \\ 1 \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ 2 \\ + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} 3 \\ 3 \\ + 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ 5 \\ + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ 1 \\ + 3 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ 3 \\ + 1 \\ \hline 9 \end{array}$
--	--	--	--	--	--	--	--



Tom had 9 pictures.

He gave 6 of them to Bill.

He then had 3 pictures left.

$$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$

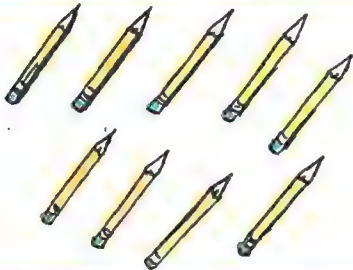


## Problems

Read each story problem.

The pictures will help you find the answer.

Write the number story. Write the answer.

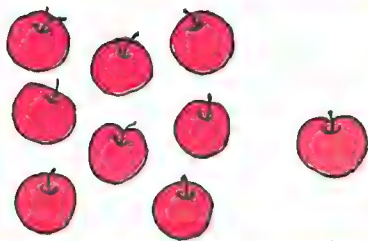


Jane had 9 pencils.

She gave 5 of them away.

She then had 4 pencils left.

$$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$$

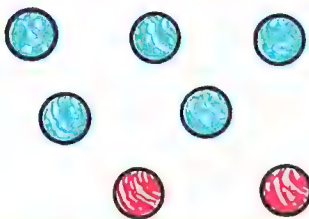


John had 8 apples.

A friend gave him 1 more apple.

He then had 9 apples.

$$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$$



Bob had 5 marbles.

He won 2 marbles.

He then had 7 marbles.

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$



Mary had 9 cents.

She spent 6 cents for candy.

She had 3 cents left.

$$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$

Write the answers.

$7 - 1 = \boxed{6}$

$8 - 6 = \boxed{2}$

$6 - 5 = \boxed{1}$

$7 - 6 = \boxed{1}$

$5 - 3 = \boxed{2}$

$4 - 2 = \boxed{2}$



## Review of Addition and Subtraction

Read each number story.

Write the answer.

7	8	2	6	5	8	3	9
$\begin{array}{r} + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} + 7 \\ \hline 9 \end{array}$	$\begin{array}{r} + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} + 4 \\ \hline 9 \end{array}$	$\begin{array}{r} - 2 \\ \hline 6 \end{array}$	$\begin{array}{r} + 4 \\ \hline 7 \end{array}$	$\begin{array}{r} - 7 \\ \hline 2 \end{array}$

$$8 - 6 = \boxed{2}$$

$$6 - 6 = \boxed{0}$$

$$2 + 2 = \boxed{4}$$

9	1	9	2	1	7	3	6
$\begin{array}{r} - 3 \\ \hline 6 \end{array}$	$\begin{array}{r} + 7 \\ \hline 8 \end{array}$	$\begin{array}{r} - 4 \\ \hline 5 \end{array}$	$\begin{array}{r} + 6 \\ \hline 8 \end{array}$	$\begin{array}{r} + 8 \\ \hline 9 \end{array}$	$\begin{array}{r} + 2 \\ \hline 9 \end{array}$	$\begin{array}{r} - 3 \\ \hline 0 \end{array}$	$\begin{array}{r} - 5 \\ \hline 1 \end{array}$

$$5 + 1 = \boxed{6}$$

$$7 - 3 = \boxed{4}$$

$$2 - 1 = \boxed{1}$$

$$9 - 8 = \boxed{1}$$

$$5 - 5 = \boxed{0}$$

$$4 + 3 = \boxed{7}$$

6	9	2	7	3	6	2	2
$\begin{array}{r} + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} - 5 \\ \hline 4 \end{array}$	$\begin{array}{r} + 5 \\ \hline 7 \end{array}$	$\begin{array}{r} - 5 \\ \hline 2 \end{array}$	$\begin{array}{r} + 3 \\ \hline 6 \end{array}$	$\begin{array}{r} - 3 \\ \hline 3 \end{array}$	$\begin{array}{r} + 2 \\ \hline 4 \end{array}$	$\begin{array}{r} - 2 \\ \hline 0 \end{array}$
3	2	7	5	4	2	3	6
3	3	1	3	2	5	5	1
$\begin{array}{r} + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} + 3 \\ \hline 8 \end{array}$	$\begin{array}{r} + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} + 1 \\ \hline 7 \end{array}$	$\begin{array}{r} + 2 \\ \hline 9 \end{array}$	$\begin{array}{r} + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} + 2 \\ \hline 9 \end{array}$

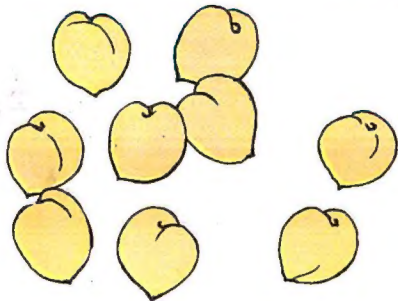


## Problems

Read each story problem.

The pictures will help you find the answer.

Write the number story. Write the answer.

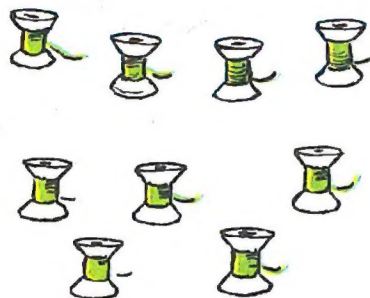


Bill had 7 peaches.

His brother gave him 2 peaches.

Bill then had 9 peaches.

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

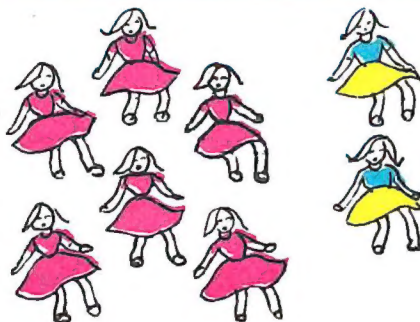


Sue had 9 spools of thread.

She gave May 3 spools.

Sue had 6 spools of thread left.

$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$

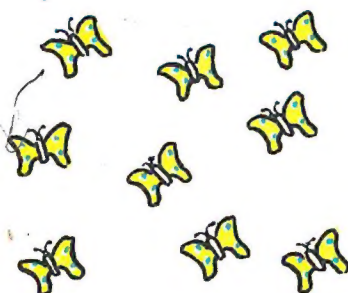


Ann had 6 dolls.

Her mother gave her 2 dolls.

She then had 8 dolls.

$$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$



Tom had 9 butterflies.

He gave 5 butterflies to Joe.

He had 4 butterflies left.

$$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$$

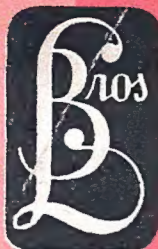


## My Arithmetic Record

Your teacher will tell you when to place an X in each box.

- ☐ 1. I can read numerals to 100.
- ☐ 2. I can write numerals to 100.
- ☐ 3. I can use 1st, 2nd, 3rd, 4th, and 5th.
- ☐ 4. I can use  $\frac{1}{2}$ .
- ☐ 5. I can count by 2's to 10.
- ☐ 6. I can count by 5's to 50.
- ☐ 7. I can count by 10's to 100.
- ☐ 8. I can add numbers with a sum of 9 or less.
- ☐ 9. I can subtract any number from 9 or less.
- ☐ 10. I can check addition.
- ☐ 11. I can check subtraction.
- ☐ 12. I can use a ruler.
- ☐ 13. I can tell time.
- ☐ 14. I can measure with cups, half-pints, and pints.
- ☐ 15. I can measure with quarts.
- ☐ 16. I can use cents, nickels, and dimes.
- ☐ 17. I can use a scale.
- ☐ 18. I can use a calendar.
- ☐ 19. I can solve problems.
- ☐ 20. I can write story problems.





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